Medicare Hospital

INFORMATION

Report

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MEDICARE HOSPITAL INFORMATION

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Volume 53

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U.S. Department of Health and Human Services

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FOREWORD

The mission of the Health Care Financing Administration (HCFA) is to promote the timely delivery of appropriate, quality health care to the nation's aged, disabled, and poor. The agency must also ensure that beneficiaries are aware of the services for which they are eligible, that those services are accessible, and that agency policies and actions promote efficiency and quality within the total health care delivery system.

To that end, the annual release of the Medicare Hospital Information report is a key element in our continuing efforts to improve the effectiveness of medical practice and the quality of care provided to Medicare beneficiaries. It is also an important step in helping beneficiaries make more informed health care decisions.

The information in this release is not intended as a direct measure of quality of care. It is best used as a "screening tool"—that is, to identify potential problems for further review and, in consultation with medical staff, to evaluate a hospital's strengths and weaknesses. Thus, we believe that consumers can use this information to ask questions of their physicians, rather than reach judgments about the quality of care in a particular hospital. We also expect this information to be used by hospital administrators, physicians, peer review organizations, State survey and certification agencies, and researchers.

This publication presents information to answer the question "What is the actual mortality rate within a certain period of time for each hospital compared to the rate that would have been predicted, given what we know about the characteristics of the patients admitted?" Our basic approach to analyzing hospital mortality information has remained unchanged for the past five years; however, since the last publication of mortality information in May 1991, we have made some significant changes both in our methodology and in the way we display the results of our analysis. The four principal changes in the 1992 report are:

- A graphic presentation of the predicted and observed mortality rates for most hospitals for "All Causes" for Federal fiscal years 1988-1990 at 30, 90, and 180 days;
- The addition of information on certain variables that we use in computing the predicted mortality rates for each hospital;
- The addition of information on the geographic origin of each hospital's patients; and

- A comparison of the average length of stay in each hospital with the average for the State and Nation.

These refinements should make this information an even more valuable educational tool to help improve the quality of care in hospitals. The changes were reviewed by a panel of outside experts. The methodology used to calculate the observed mortality rate, the predicted mortality rate, and the standard deviation are briefly described in the Technical Information section of the Introduction to this volume and in more detail in the Technical Supplement (Volume 55).

We acknowledge the assistance we have received from the American Hospital Association—not only for providing the information detailing selected hospital characteristics, but also for alerting its members to the importance of this information. We are also grateful to the personnel in each hospital who took the time to review the data thoroughly and to provide us with comments and suggestions. As before, we have published individual hospitals' comments in their respective State volumes. Over the years, these communications have helped to improve and refine the information included in this publication.

HCFA is committed to improving the Medicare Hospital Information report. To that end, we are continuing to work with representatives of hospital, consumer, employer and other organizations to make this annual report as useful as possible for all consumers.

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INTRODUCTION

The Medicare Hospital Information report contains information on acute care hospitals that treated Medicare patients discharged in Federal fiscal year (FY) 1990 (October 1, 1989—September 30, 1990).

This year's publication set consists of 54 State volumes and a Technical Supplement (Volume 55). There is one volume per State, except that California and Texas have two volumes each, Hawaii is combined with American Samoa and Guam, and Puerto Rico and the Virgin Islands are combined together in one volume.

Each hospital's two summary data pages are arranged alphabetically by hospital name in each State volume. These data pages consist of:

- The hospital's FY 1990 Medicare hospital mortality rates;
- A graphic presentation of the predicted and observed mortality rates for **most** hospitals for "All Causes" for FYs 1988—1990 at 30, 90, and 180 days;
- The FY 1990 values for selected explanatory factors used to predict the mortality rates;
- Origins and lengths of stays of Medicare admissions; and
- Hospital characteristics, such as the number of beds and other characteristics, which we obtained from data contained in the American Hospital Association's (AHA) 1990 Annual Survey of Hospitals files or, when such information was not available from the AHA file, the Health Care Financing Administration's (HCFA) Online Survey, Certification and Reporting System (OSCAR) file.

> ***Please note that the information regarding origins and lengths of stays and hospital characteristics are presented strictly for information purposes only. They were not used to calculate the hospital's predicted mortality rates.***

Toward the end of each volume, we include both State and national mortality rates developed by our analysis, as well as the comments we received from individual hospitals.

DESCRIPTION OF MORTALITY INFORMATION

The mortality rates at a given hospital may reflect, among other factors, the age, sex, diagnoses, and severity of illness of patients admitted to that hospital, as well as the quality of care they received. Factors affecting health and the probability of death vary among the patient populations served by individual hospitals. Consequently, the mortality rates in different patient populations vary considerably.

These latest analyses of the mortality rates associated with Medicare hospitalizations are similar to those carried out in the four prior years. Only one hospitalization for every patient was used. As in last year's analysis, when a patient had multiple hospitalizations during the fiscal year, one stay was selected at random to be analyzed. We believe that the use of the randomly selected admission provides a better representation of a typical hospital admission and permits us to calculate mortality rates more nearly like those the hospital itself would calculate for its patients.

Although we publish data only on deaths which occur within 180 days of admission to the hospital, for purposes of analysis our methodology actually considers deaths which occur any time within 365 days of admission (with the exception that no date of death later than April 1, 1991 is used). This is part of the formula which assesses the long-term risk of mortality. With this approach, information about the early and later results of the hospitalization is provided. This is important because diseases evolve with different time courses, and treatments may have different short- and long-term effects. The choice of at least 180 days allows substantial followup consistent with timely reporting of HCFA data.

We again analyzed the data on a fiscal year, rather than on a calendar year, basis because it allows us to report on recent hospitalizations. Also, new Medicare rules are often instituted on a fiscal year basis.

For each hospital, mortality rates are presented for overall Medicare patient mortality and for eight medical conditions and nine procedures. The information consists of the number of Medicare patients; the observed or actual mortality rate (OBS); the predicted mortality rate (PRED), given the mix of patients; and a standard deviation (SD), a measure of the uncertainty of the predicted rate.

The following information will be helpful when reviewing specific information for any given hospital.

Number Of Cases

This is the number of individual Medicare beneficiaries whose discharge in a fiscal year from the short-term, acute care hospital listed was selected for analysis. The total number of cases randomly selected for each hospital is presented under the category "All Causes." The eight medical condition and nine surgical procedure categories are subgroupings drawn from the "All Causes" selection. Although a particular patient may appear in only one of the eight medical condition categories, that same patient may also appear in one or more of the nine surgical procedure categories. Similarly, a patient may appear in one or more of the nine surgical procedure categories, even though he or she was not included in any of the eight medical condition categories.

The categories chosen for display represent HCFA's interpretation of the categories judged to be important by various outside advisors including the Institute of Medicine. The listed condition and procedure categories do not cover the reason for admission of all the hospitalized Medicare patients in this study. (The ICD-9-CM codes included in each condition and procedure category appear in Table 1 following this Introduction section.)

These conditions and procedures represent the causes for the hospital admission and/or surgical episodes during that stay; they do not necessarily represent the cause of death. HCFA does not have access to cause of death information.

Observed Mortality Rate (OBS)

The observed mortality rate for each category is the percentage of each acute care hospital's selected Medicare patients who died within 30, 90, or 180 days of the selected admission. This rate does **not** represent the percentage whose death was caused by a particular condition or procedure.

The percentage is rounded to the nearest one-tenth of one percent. Both inhospital deaths and deaths occurring after discharge but within 30, 90, or 180 days of admission are included. For example, if a hospital had 1,000 patients included in the "All Causes" category and 124 of these patients died within 30 days of the selected admission, the 30-day observed mortality rate would be 12.4 percent; if an additional 17 patients died more than 30 but less than 91 days after admission, the 90-day observed mortality rate would be 14.1 percent; and if an additional 13 patients died more than 90 but less than 181 days after admission, the 180-day observed mortality rate would be 15.4 percent.

It is important to note that the observed mortality rate is cumulative; e.g., the 90-day observed mortality rate includes all deaths which occur within 30 days of admission, as well as those occurring more than 30 and less than 91 days after admission.

Predicted Mortality Rate (PRED)

The predicted mortality rate for each hospital's patients is derived in part by determining, based on national experience, the contribution to the probability of dying associated with various patient characteristics such as:

- Principal diagnosis (grouped into 23 analytical risk categories),
- Age,
- Sex,
- Previous hospital admissions within the prior six months,
- Admission source (e.g., physician reference, skilled nursing facility reference),
- Admission type (e.g., elective or emergency), and
- The presence of up to seven comorbid conditions—cancer, chronic cardiovascular disease, chronic renal disease, chronic liver disease, chronic pulmonary disease, cerebrovascular degeneration, and chronic diabetes. A list of the ICD-9-CM codes defining the comorbid conditions is in Table 2 following this Introduction section.

Standard Deviation (SD)

The standard deviation is a tool to gauge the extent to which the difference between the observed and predicted mortality rate is meaningful. In general, the greater the difference between the two rates, the greater the probability that the difference represents an actual variation from what would be expected in view of the national experience. The less chance that the difference between the PRED and the OBS can be attributed to statistical variability, the more grounds for possible concern about the institution's performance.

Information on how to use the SD to construct prediction intervals for use in assessing the real difference between the OBS and the PRED is included in the Technical Information section of this Introduction. The precision and interpretability of the estimates are weaker when there are no deaths or 50 or fewer cases in a particular category being analyzed. Thus, for these instances, dashes ("---") are placed in the SD column.

OBSERVED MORTALITY RATE AND PREDICTED RANGE FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES

Also in this year's report, we have presented graphs that display the information for most hospitals described above for FYs 1988 and 1989, as well as FY 1990. (In particular, these graphs could not be computed for hospitals that had 50 or fewer cases or no deaths in FYs 1988, 1989, or 1990). In constructing the graphs, we used 2 times the standard deviation to approximate a 95 percent prediction interval. The observed mortality is shown as a dot (•). The predicted mortality is shown at the middle of a range of mortality rates. The bottom of the range is the predicted mortality minus twice the standard deviation, and the top of the range represents the predicted mortality plus twice the standard deviation. The graphs for FY 1988 and FY 1989 are based on new random samples and new computations for this year's report. Thus, the calculations for some hospitals for FY 1988 and FY 1989 may be different from previous releases, because we are including more current data in this year's report.

FY 1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

This year's report includes the FY 1990 average at each hospital of many of the explanatory factors used to predict that hospital's mortality rates. This information provides a profile of the patients used in the analysis and should help to identify possible systematic coding errors in the claims data used to calculate the mortality rates. These percentages are derived from the patients included in the sample and should be applied to the total number of cases listed in "All Causes." It is important to note that neither the admission sources/types nor the comorbidities categories are mutually exclusive. For example, a patient could be both "referred by his personal physician" and "admitted for elective procedure." Similarly, a patient could have secondary diagnoses of both cancer and diabetes.

INFORMATION SOURCES AND NOTES

We believe that when the mortality rate information is properly understood and applied, it can be very useful; it can also be misleading if it is interpreted incorrectly. The information simply describes one of several possible outcomes at a hospital—postadmission mortality for Medicare beneficiaries.

Mortality information is not necessarily representative of a hospital's total performance in all aspects of patient care. Individual hospitals may have very good reasons for their rates being higher than the rates predicted by the HCFA model. For example, one hospital might have different death rates than another because its patient mix is not fully accounted for by the model.

Accordingly, we offered each hospital the opportunity to review their specific information and to provide comments to HCFA and the public, and we included those comments that were received timely at the end of this volume. Users should read the discussions about the uses and limitations of the mortality information found on page xiii, as well as any comments a hospital may have provided.

Hospitals In The Analysis

The hospitals included in this analysis are participating in Medicare as short-term, acute care facilities—all have a zero in the third position of their Medicare provider number. All other hospitals—those with something other than a zero in the third position of their provider number, such as rehabilitation facilities or psychiatric institutions—were excluded. This year, as in the past two years, we have also excluded hospices.

In some cases, we have included data for hospitals that closed, changed ownership, or changed management either during or subsequent to FY 1990. Our data included for those institutions reflects the situation as it existed at the time the hospitalizations analyzed occurred.

Data Sources

This report is based primarily on Medicare hospital billing information for Federal fiscal years 1988, 1989, and 1990. While the principal source of the data for the analysis was the HCFA-maintained Medicare Provider Analysis and Review (MEDPAR) file, which contains information about each Medicare hospitalization, some of the information about beneficiaries, such as date of death, was obtained from the Social Security Administration. Hospitals submit bills to HCFA's fiscal intermediaries (which handle claims for the inpatient care provided to Medicare beneficiaries) which, in turn, submit this information to HCFA. The file is updated on a quarterly basis. Our analysis was based on information available following the June 1991 update of the MEDPAR file. It is estimated that by that time (nine months after the close of the fiscal year), 98 percent of all Medicare discharges in FY 1990 are included in the file.

Possible Limitations Of The Data

In any large-scale data base, such as the one dealing with Medicare hospitalizations, there will be gaps or inaccuracies. For example, last year some hospitals had not accurately reported the source or type of admission, and thus erroneous information was included in the analysis for those hospitals. However, the fact that the files contain information on about 10 million hospital admissions to nearly 6,000 hospitals for each year provides some assurance that, for purposes of the statistical analysis conducted here, the information that might be missing or inaccurate is such a small portion of the total that it would have little effect on the results for national estimates. Nevertheless, it may substantially affect an individual hospital if it were the source of the inaccurate information.

While we feel that the information used in this analysis is thorough and complete, there are a few points to keep in mind as you review the mortality information.

The information used is billing data; it is only as good as the information submitted by hospitals as part of the payment process. Although there is always a possibility that coding errors are included, we assume that, given the link to payment, hospitals have an incentive to submit bills accurately and promptly. We do know, however, that some hospitals submitted incomplete or erroneous data.

For example, following last year's public release of the hospital mortality data, several hospitals wrote to HCFA indicating that they had submitted incorrect data. Furthermore, they stated that if they had given us the correct information, their predicted mortality rates would have been higher than those presented in HCFA's report. Therefore, in this year's report we have annotated those hospitals' data pages with a footnote stating: "This hospital says that it submitted inaccurate data to Medicare and claims that its predicted mortality rate should be higher than that presented above." At this point, however, HCFA cannot confirm the validity of those hospitals' claims. The analysis results might very well be different if the data on which they were based were submitted accurately by those hospitals.

In our previous analysis of mortality data, we discovered that some States had zero admissions from a skilled nursing facility. While some of these problems were corrected on the MEDPAR files used for this analysis, at the time this study was initiated we found empirical evidence that some of the files still contained suspect information. The suspect data were identified by noting those months (date of discharge) and fiscal intermediaries for which the type and source of admission fields appeared to be interchanged. Based on our findings, we reversed these fields to at least partially correct the remaining discrepancies. The following list shows the specific instances for which the fields were reversed for this analysis.

TYPE AND SOURCE OF ADMISSION FLIPPED

FI No.	FI Name	Dates
00030	Arizona Blue Cross	10/01/86 — 12/31/88
00080	Maryland Blue Cross/DC	06/01/87 — 09/30/87
00190	Maryland Blue Cross	06/22/87 — 12/31/88
00400	Texas Blue Cross	12/07/87 — 12/31/88

HOW TO USE THIS INFORMATION

There are several key points to remember about the use of this information. **First, it is important to understand that the difference between the hospitals' mortality rates and the predicted rates in the tables in this report may not be a direct measure of the quality of care rendered in the hospitals.**

Second, the usefulness of this information depends upon the accuracy with which mortality rates can be predicted. We do not currently have any direct measurement tool with which we can fully adjust for severity of patient illness differences among hospitals. For instance, two hospitals may have very different death rates for patients admitted for stroke, even after we have adjusted for age, sex, and several other factors. This might happen because one hospital's stroke patients may consist of a significant number who are admitted in a coma (and are thus more likely to die), whereas another hospital's patient population may represent a broader spectrum of patients with cerebrovascular problems, or because these two hospitals, in fact, do provide different levels of quality of care. In addition, other factors affecting the probability of death in a particular case (e.g., family status/support, overall health status of the patient, etc.) are not included in the predictive model because information on them is not readily available.

Nevertheless, we believe that the information presented in this publication is an important contribution to the health care community and should be helpful to a wide range of individuals and organizations including consumers, hospital administrators, physicians, PROs, and researchers.

Use By Consumers — Some Key Questions

Consumers should read carefully the explanations of the uses and limitations of the information. Listed below are some questions that we recommend a consumer think about before choosing a hospital. Please keep in mind that this is not a comprehensive list, but it should serve to illustrate the types of questions that are important to consider.

- Why are the hospital's observed mortality rates for "All Causes" consistently and significantly above the predicted rates for FY 1990?

- Why are the hospital's observed mortality rates for the condition for which I need treatment or the procedure I will undergo consistently and significantly above the predicted rates for FY 1990?

- How does this hospital's pattern of mortality compare with that of other hospitals in the State and Nation?

- Is the number of cases too small to present a satisfactory picture of the hospital?

- Does the hospital treat a large number of cases in the category for which I need treatment?

- Does the hospital treat a large number of patients who have several co-existing illnesses or who otherwise are likely to be "sicker" than average?

Other Users Of This Publication

Among other users of this publication, we expect that the hospital administrator (in consultation with medical staff) will find the information most useful as a screening tool to evaluate a hospital's strengths and weaknesses. We know that some hospitals and their medical staffs, using established and newly emerging quality assessment techniques, are seeking information that will result in improved health care delivery.

Outside Assistance In Developing This Publication

The development and presentation of the Medicare Hospital Information report continues to be an important part of HCFA's responsibilities in the health care community. To make the information as accurate and useful as possible, over the past several years we have discussed the theoretical framework and statistical approach with a number of nationally recognized technical experts in appropriate fields. Based on their recommendations, we believe that the models used in these analyses continue to be reasonable and appropriate.

In the past, we have conducted validation studies of our methodology. In general, these studies have found correlation between poor quality care and hospitals whose observed mortality rates significantly exceed the rates that would have been predicted. However, we have also found that detailed clinical data which more thoroughly characterize the severity of patient's illness, while they do not materially affect results describing the general pattern of mortality, do, in specific instances, alter our assessment of the comparison of the observed to the predicted mortality rates.

The format for presentation, the process for sharing the information with individual hospitals, and the statistical methodology have been discussed at various meetings with leaders of organizations representing Medicare beneficiaries, physicians, and hospitals. Also, we have spent many months reviewing the comments received from the hospitals regarding their patient-specific data for earlier years and our previous mortality information reports. Many suggestions from these sources have been incorporated into this report.

We have carefully investigated comments from individual hospitals on apparent discrepancies or errors generated in previous years. These discrepancies rarely had an effect on a hospital's overall mortality rate. Most of these instances fell into the following two broad categories.

- **Inaccurate Date of Death** — We found that inpatient billing coding errors (e.g., a hospital bill indicating that the patient's status at time of discharge was “expired” when the patient had, in fact, left the hospital alive) created many of these errors. We now have mechanisms in place that allow a continuous update of HCFA's master file, thereby enabling us to make corrections.

- **Discrepant Case Counts** — Our analysis counts only one acute care discharge in a fiscal year; normally, hospitals count each discharge. Thus, a patient admitted three times in a year would count three times for the hospital, but only once for the purpose of analyzing Medicare hospital mortality data presented in this report.

> ***We believe it is important for consumers of health care to have access to as much information about hospitals as possible when making health care choices. Along with hospital characteristics information, we have added this year information about the origin and length of stay of Medicare admissions. This information is presented for comparative purposes only and was not used in calculating a hospital's predicted mortality rates. These data were not part of the analyses, and any errors or discrepancies in them do not affect the predicted mortality rates.***

ORIGIN OF MEDICARE ADMISSIONS

Data on the geographic origin of each hospital's patients are presented in this year's report. We obtained from the Health Insurance Master file the State and county of residence for each Medicare beneficiary discharged from a Medicare-certified, acute care hospital during FY 1990. We then compared that information with the location of the hospital to determine the percentage of all discharges where the patient lived within the same city/county as the hospital location, within the State where the hospital is located, or outside the State. The percentages are derived by dividing the number of discharges of beneficiaries in a geographic category by the total number of Medicare discharges from the hospital. Please note that these are percentages of total Medicare discharges, not of the mortality sample alone.

MEDICARE AVERAGE LENGTH OF STAY

We obtained from the MEDPAR file the total days of care—both Medicare covered and noncovered—and divided that total by the number of discharges from each hospital. Total, rather than covered, days were used because, under the Prospective Payment System (PPS), if a Medicare patient has at least one day of hospital coverage available to him in the current spell of illness, the hospital will be paid the full diagnosis related group (DRG) amount plus any approved outlier amount, regardless of the number of days actually used.

Example: Hospital A had 2,513 Medicare discharges with a total of 24,379 days.

Calculation: $$\frac{24{,}379}{2{,}513} = 9.7 \text{ days}$$

The Medicare average length of stay is 9.7 days.

HOSPITAL CHARACTERISTICS

As noted previously, we have again included information on selected hospital characteristics such as the number of beds, occupancy rate, ownership, staffing, and specialty services. This information was obtained from the American Hospital Association's (AHA) 1990 Annual Survey of Hospitals, with the exception of the case mix index (CMI), which was derived from HCFA billing data. This file consists of information voluntarily reported by hospitals to the AHA. In instances where AHA data were unavailable, for example for hospitals that did not respond to the AHA survey, we derived the information from HCFA's Online Survey, Certification and Reporting system (OSCAR). The hospital characteristics and the specific special services listed were selected with the concurrence of the AHA as being those most meaningful to the Medicare population. Information on these specific data elements follows.

AHA Definitions (except for CMI)

Survey and Year — AHA 1990. Source is the American Hospital Association's 1990 Annual Survey of Hospital files.

Profile

Total beds (#) — Number of beds (including subacute beds), cribs, and pediatric and neonatal bassinets regularly maintained (set up, staffed, and ready for use) for inpatients as of the close of the reporting period; does not include bassinets for normal newborn infants.

Occupancy rate (percent) — Ratio of average daily census to the average number of beds (statistical beds) maintained during the 12-month reporting period. (NOTE: The number of these "statistical beds" may differ from the bed count at the close of the reporting period.)

Ownership/control — State government, local government, district/authority, church, private nonprofit, private for profit, or Federal Government.

Medicare discharges — The total number of inpatient discharges for Medicare patients for those hospitals selected for the mortality calculations, including all discharges for persons with more than one hospitalization during the year. (The mortality data include only one randomly selected discharge for each hospitalized enrollee. Therefore, this figure may reflect more discharges than the actual number of cases randomly selected for the mortality study.)

Case mix index (CMI) — A measure of the overall complexity of the Medicare cases treated by a given hospital compared to the complexity of the national average case mix. The CMI represents the relative costliness of each hospital's mix of cases compared to the national average mix of cases. A CMI of greater than one means that a hospital treats more complex cases than average. A CMI of less than one means that a hospital treats less complex cases than average. The CMI for each hospital is calculated on an annual basis. In this report, the CMI presented for each hospital is calculated based on its discharges in FY 1990.

A hospital's CMI is calculated by multiplying the number of cases in each DRG by the relative weight of that DRG, summing the products, and dividing the sum by the total number of cases for the year. For calculating the FY 1990 CMI, use the DRG relative weights published in the *Federal Register*, Volume 54, Number 169, pages 36468 ff., dated September 1, 1989.

Staffing (all AHA counts are as of 9/30/90)

Total number of physicians — Total active and associate medical staff.

Percent of physicians who are board-certified specialists — Physicians who have passed an examination given by a medical specialty board and have been certified by that board as a specialist.

Medical residents/interns — Full-time equivalent (FTE) medical residents or interns.

Registered nurses — Full-time equivalent (FTE) registered nurses.

Licensed practical nurses — Full-time equivalent (FTE) licensed practical nurses.

Specialty Services

Burn Unit — Provides more intensive care to severely burned patients than the usual acute nursing care provided in medical and surgical units. Beds must be set up and staffed in a unit specifically designated for this service.

Cardiac Intensive Care — Provides patient care of a more specialized nature than the usual medical and surgical care, on the basis of physicians' orders and approved nursing care plans. The unit is staffed with specially trained nursing personnel, and contains monitoring and specialized support or treatment equipment for patients who, because of heart seizure, open-heart surgery, or other life-threatening conditions, require intensified, comprehensive observation and care. May include myocardial infarction, pulmonary care, and heart transplant units. Beds must be set up and staffed in a unit(s) specifically designated for this service.

Comprehensive Geriatric — Provides diagnostic and evaluation services that determine elderly patients' long-term care needs. It includes the assessment of medical conditions, functional activities, and mental and emotional conditions, and incorporates these into a treatment plan which includes family and financial concerns as well as medical needs.

Hospice Care — A program providing primarily medical relief of pain and support services to terminally ill patients and assistance to their families in adjusting to the patients' illness and death.

Medical/Surgical Intensive Care — Provides nursing care to adult and/or pediatric patients of a more intensive nature than the usual medical, surgical, pediatric, and/or psychiatric care on the basis of physicians' orders and approved nursing care plans. Included are medical-surgical, pediatric, and psychiatric (isolation) units. These units are staffed with specially trained nursing personnel, and contain monitoring and specialized support equipment for patients who, because of shock, trauma, or life-threatening conditions, require intensified, comprehensive observation and care. These units may also include cardiac care when such services are not approved in a distinct cardiac care unit. This category is called "intensive care unit" in OSCAR.

Organ/Tissue Transplant — The hospital has the necessary staff and equipment to perform the surgical removal of a viable human organ or tissue from a donor, either living or deceased, and the surgical grafting of the organ/tissue to a suitably evaluated and prepared patient.

Other Intensive Care — Provides nursing care to adult and/or pediatric patients with a specialized disease or condition of a more intensive nature than the usual medical, surgical, pediatric, and/or psychiatric care on the basis of physicians' orders and approved nursing care plans. Examples reported include oncology or spinal cord injuries. These units are staffed with specially trained nursing personnel and contain monitoring and specialized support equipment appropriate for the patients' specialized conditions.

Trauma Center — Provides emergency and specialized intensive care to critically injured patients.

Other Specialty/Hospital-Based Services

Alcohol/Drug — Hospital services for the medical care and/or rehabilitative treatment of outpatients whose primary diagnosis is alcoholism or other chemical dependency.

Rehabilitation — A unit having designated beds and providing a comprehensive array of multidisciplinary medical rehabilitation services.

Psychiatric — Care provided to emotionally disturbed, chronically mentally ill, mentally disordered, or other mentally incompetent patients on the basis of physicians' orders and approved nursing care plans. Beds must be set up and staffed in units specifically designated for this service.

Medicare Swing Beds — The hospital is certified by Medicare to provide "swing bed" services; that is, some acute care beds can be used for skilled nursing facility type care in the hospital for Medicare purposes.

OSCAR Definitions (except for CMI)

Survey and Year — HCFA, most recent year. Data were derived from the Online Survey, Certification and Reporting System (OSCAR).

Profile

Total beds (#) — Total number of operational beds eligible for Medicare payment.

Ownership/control — Church; private, nonprofit; other nonprofit; proprietary; Federal Government; State government; local government; and hospital district or authority.

Case mix index (CMI) — See definition shown in AHA "Profile" section.

Staffing

Medical residents/interns — Full-time equivalent (FTE) medical residents or interns.

Registered nurses — Full-time equivalent (FTE) registered nurses.

Licensed practical nurses — Full-time equivalent (FTE) licensed practical nurses.

Specialty Services

NOTE: There are no specific definitions of specialty services in OSCAR. Characteristics are self-reported by each hospital at initial Medicare certification and recertification, and are generally understood to parallel the explicit AHA definitions (above). The AHA categories "comprehensive geriatric" and "other intensive care" are not available in OSCAR. However, they may be included in the OSCAR category of other specialty services (not shown in table).

Coronary Care — See definition shown in AHA "Specialty Services" section.

Intensive Care Unit — See definition shown in AHA "Specialty Services" section. These units may also include other intensive care units in OSCAR reporting.

Organ Transplant — See definition shown in AHA "Organ/Tissue Transplant" section. May include tissue transplants because there is not a separate field in OSCAR for these services.

TECHNICAL INFORMATION

DATA SOURCES

The data analyzed in this report are obtained from the Medicare Provider Analysis and Review (MEDPAR) file for the fiscal years 1987-1990, which contains information on the hospital stays of Medicare beneficiaries. The principal sources of data for this file are the bills (known as HCFA-1450 or UB-82) submitted by the hospitals to HCFA through fiscal intermediaries. The MEDPAR file also contains data about the beneficiaries, such as age, sex, and date of death, which are obtained from the Social Security Administration, the Railroad Retirement Board, or the Office of Personnel Management.

Hospital stays with discharges in fiscal years 1988, 1989, and 1990 were used in these analyses. Hospital stays in 1987 were used only to characterize the prior admissions of the patients in the 1987 cohort. Only acute care hospital stays in short-term (general and specialty) hospitals were selected. These hospitals have a “0” in the third position of their Medicare provider number. Hospital stays in institutions (designated by a “9” in the fourth position of the provider number) and hospital stays in psychiatric units, rehabilitation units, swing-beds and alcohol/drug units (with “special unit codes” of S, T, U and V, respectively, in the third position) were excluded.

THE MORTALITY MODEL

For each beneficiary in each year one hospitalization was selected at random. Choosing a specific hospitalization is necessary to avoid multiple counting of the same death for that year. Selecting a random hospitalization instead of the first or last in the year produces mortality rates that are more representative of the rates that a hospital might calculate for its patients. Also, the mortality rates based on this random selection process reflect an intermediate position between the rates produced by the alternatives.

The selected hospital stays were analyzed separately by analytical category. The analytical categories were created by grouping ICD-9-CM diagnosis codes that had similar mortality patterns. The procedures for creating the analytical categories and the groups of ICD-9-CM diagnosis codes that defined them are detailed in the Technical Supplement.

The mortality experience of the patients was evaluated as a function of time within 365 days of the admission. The factors included in the mortality model used to evaluate each patient’s probabilities of death are given in Table 3. They consist of demographic characteristics (age and sex), major comorbidities (chronic diseases likely to have been present at admission and believed to complicate management and increase the likelihood of an adverse outcome), prior admissions (grouped into five risk or severity levels) within the 6 months preceding the admission evaluated, admission type (emergent, elective, etc.), and admission source (referral from the physician's office, the nursing facility, etc.). The specific reason for the admission (the principal diagnosis) and the performance of selected surgical procedures were additional factors used in the estimation of the predicted probability of death (see below).

The observed mortality rate for a hospital was calculated by means of the lifetable method ("The LIFETEST Procedure," Chapter 22, SAS User's Guide: Statistics, Version 5 Edition, pages 529-557).

ANALYTIC TECHNIQUES

A time-to-event or survival model with explanatory or concomitant variables was used to ascertain the influence of the patient characteristics listed above on the probability of death. A feature of such a model is allowance for "right censored" observations. Generally, these are events or outcomes which would have occurred but for some interference that prevents further observation. In the present analysis, "right censoring" occurs when a patient is withdrawn alive from the study April 1, 1991 or at the end of the followup period of 365 days.

The survival function, S(t), is one of several equivalent ways of expressing the model. Another form uses the cumulative distribution function or the mortality function

$$F(t) = 1 - S(t).$$

Another useful formulation of these models is the hazard function, h(t), also known as the force of mortality or risk function. The hazard is the rate of decrease in the number of survivors relative to the number of survivors at a specific time. Mathematically, the hazard function is

$$h(t) = -\frac{1}{S(t)}\frac{dS(t)}{dt} = -\frac{d\ln(S(t))}{dt}.$$

The probability density function, f(t), commonly used in statistical texts can be expressed as follows:

$$f(t) = \frac{dF(t)}{dt} = h(t)S(t).$$

The area under the survival curve is the expected value for t. In some cases, the area under the survival curve is restricted to an interval $0-t_1$ where t_1 might be one year, for example.

The specific time-to-event or survival model used in the present analysis is Bailey's modification of the Makeham model. The survival function for the Bailey-Makeham model is

$$S(t) = \exp\left\{-\delta t - \left(\frac{\alpha}{\gamma}\right)(1 - \exp(-\gamma t))\right\}$$

where

$$\alpha = \exp(\alpha_0+\alpha_1 x_1+\ldots+\alpha_i x_i+\ldots+\alpha_k x_k)$$
$$\gamma = \exp(\gamma_0+\gamma_1 x_1+\ldots+\gamma_i x_i+\ldots+\gamma_k x_k)$$
$$\delta = \exp(\delta_0+\delta_1 x_1+\ldots+\delta_i x_i+\ldots+\delta_k x_k)$$

are the expressions for each of the structural parameters α, γ, and δ in terms of the k concomitant variables x_i and their associated component parameters α_i, γ_i, and δ_i for i=1, 2,..., k and three intercepts or component parameters α_0, γ_0, and δ_0. The structural parameter δ is the long-term risk which is approached as $t \rightarrow \infty$. The structural parameter α is the initial excess risk which decays with rate constant γ.

For the survival function given above, the risk or hazard function has an especially tractable form of an exponential decay which approaches a long-term risk, δ. The hazard function corresponding to the survival function above is

$$h(t) = \alpha\exp(-\gamma t) + \delta\ .$$

The estimation of the component parameters was carried out in a series of steps in which those covariates which had estimable and statistically significant ($p<0.05$) influences of the probability of death were identified for inclusion in the model. As the model for each of the 23 risk categories was estimated separately, different lists of covariates were used for the final core models.

This first step was followed by the estimation of the additional contribution of specific principal diagnoses in each risk category. In these analyses, the effects of the patient characteristics included in the core models were corrected for. Only those principal diagnoses were retained which were estimable and had more than 900 cases (more than 300 for codes identified by year). Similarly, after adjustment for the effects of both the variables in the core model and the principal diagnoses, correction terms were calculated to estimate the additional information about the probability of death associated with the categorization of the patients into the clinical groups used for the presentation of the data in the mortality tables (see below). These correction terms were negligible for the medical categories but substantial for the surgical categories.

Once the component parameters or regression coefficients α_i, γ_i, and δ_i have been estimated, the predicted probability of patient death at any specified time after admission, 1-S(t), may be calculated for all individuals. To obtain the predicted mortality rate up to a given time for a hospital, it is then only necessary to average over the predicted probabilities of death of its patients to that time.

The analytical categories are useful for grouping the patients into relatively risk-homogeneous strata for the regressions. However, to gain insights into patterns of practice at hospitals, the data are presented for patients grouped into clinically meaningful medical and surgical categories. The 17 clinical categories used in the mortality tables and defined in Table 1 were identified by the Institute of Medicine as being of particular medical and epidemiologic interest.

ESTIMATION OF THE STANDARD DEVIATION FOR PREDICTED MORTALITY

The standard deviation of the predicted mortality rate is used to assess how statistically different the observed mortality rate is from the rate predicted by the national experience with like patients. The standard deviation depends, in fact, on the variance of the residual or the difference between the observed, P, and predicted, $\hat{\Theta}$, mortality rates.

The residual has four components V_1, V_2, V_3, and V_4 where V_1 is the variance of the estimate of the predicted probability of death. This computationally intensive term was negligible for nearly all cases, compared to other components of variance. Consequently, this term was not included in the present analysis.

V_2 is the binomial variance for n patients

$$V_2 = \frac{\hat{\Theta}\left(1 - \hat{\Theta}\right)}{n} .$$

V_3 is the variation among hospitals not explained by the mortality regression models containing the patient characteristics described above.

$$V_3 = \widehat{\mathrm{Var}(\Theta)} = \left(1 - \frac{1}{n}\right) \widehat{\mathrm{M}_2(\Theta)}$$

where

$$\widehat{M_2(\Theta)} = \left\{ \begin{pmatrix} \text{Predicted mortality} \\ \text{on basis of} \\ \text{patient characteristics and} \\ \text{adjustment for hospital effects} \end{pmatrix} - \begin{pmatrix} \text{Predicted mortality} \\ \text{on basis of} \\ \text{patient characteristics,} \\ \text{but omitting the hospital specific effects} \end{pmatrix} \right\}^2 \left(\frac{1}{z_p^2} \right)$$

The quantity z_p corresponds to the statistical significance (p-value) of the hospital-specific effect.

V_4 is the variation not explained by the mortality regression models which each include, in addition, an indicator variable for the hospital:

$$V_4 = \left\{ \left(\text{Observed mortality} \right) - \begin{pmatrix} \text{Predicted mortality} \\ \text{on basis of} \\ \text{patient characteristics, and} \\ \text{adjustment for the hospital specific effects} \end{pmatrix} \right\}^2 .$$

(The regression coefficients of the indicator variable for the hospital are a measure of the influence on the probability of patient death of factors not otherwise specified in the model. These factors include severity of illness not adequately reported on by the patient characteristics deduced from the claims data and the hospital's pattern of practice; i.e., performance.)

The standard deviation given in the mortality tables is just

$$SD = \sqrt{V_2 + V_3 + V_4}.$$

STANDARDIZED MORTALITY RATIO (SMR)

Another method of evaluating a hospital’s performance—the Standardized Mortality Ratio (SMR)—is obtained by dividing the observed mortality rate by the predicted mortality rate. An SMR of one means the observed and predicted mortality are equal. A ratio greater than one means the observed mortality exceeds the predicted. A ratio less than one means the observed mortality is less than expected. The more extreme the ratio (significantly greater than one indicating unusually high mortality and significantly less than one indicating unusually low mortality), the greater the attention which should be paid to the results of this mortality report.

For each of the conditions and procedures, selected percentiles for the observed distribution of the SMR are displayed in Table 4. The selected percentiles provide benchmarks for comparison. For example, for a hospital with 300 cases in the "All Causes" category, with observed mortality of 12.2 percent and predicted probability of 10.0 percent at 30 days, the standardized mortality ratio is

SMR = 12.2/10.0 = 1.22.

Note that an SMR of one means the observed and predicted mortality are equal, while a ratio greater than one means the observed mortality exceeds the predicted, and a ratio less than one means the observed mortality is less than expected. There will be greater interest in the more extreme ratios, either greater than one — excessively high mortality — or less than one — extremely low mortality.

From Table 4 for FY 1990, we find that the ratio is just below the 75th percentile of 1.23. Hence, slightly under 75 percent of the hospitals have an SMR less than that found at this hospital.

However, for a hospital with 900 cases in the "All Causes" category, with observed mortality of 19.3 percent and predicted probability of 10.0 percent at 30 days, the standardized mortality ratio is

SMR = 19.3/10.0 = 1.93.

Since the SMR of 1.93 is greater than the 97.5 percentile of 1.35 (Table 4 for 750 or more cases), there is cause for concern. To further assess this, we examine the displayed data in terms of the measure of uncertainty, the standard deviation.

MEASURES OF UNCERTAINTY

In principle, to use the standard normal approximations to determine prediction intervals, an adjustment must be applied for the skewness and kurtosis inherent in a mortality rate when the rate is considerably less than 50 percent and the number of cases is small. Table 5 presents the multiplicative factors, based on the binomial distribution, for the standard deviation needed to construct prediction intervals for the mortality rates at confidence levels of 75, 95 and 99 percent. Because of the approximations involved in the estimation of the skewness and kurtosis corrections, their precision decreases as the number of cases and the mortality rate decrease; i.e., as the value of the correction increases. In addition, because of simplifications and approximations in the estimation of the standard deviation, the precision of the multiplicative factors given in Table 5 exceeds the precision of the estimate of the standard deviation. Hence, the following rule-of-thumb represents an adequate approximation to the factors in Table 5 and an adequate guide to the **statistical meaningfulness** of the difference between the observed and the predicted mortality rates.

To illustrate the use of Table 5, consider a hospital with 75 cases and a predicted mortality of 13.0 percent with a standard deviation of 5.0 percent. Overall, for hospitals with patients with characteristics similar to those of this hospital, we would expect the actual or observed mortality rate to lie, 95 percent of the time, either between 13.0 percent and 22.9 percent if the actual is larger than the predicted, or between 3.3 percent and 13.0 percent if the actual is less than the predicted. That is because 22.9 percent = 13.0 percent + 1.98 x 5.0 percent, the factor 1.98 having been read from the section of Table 5 with the heading "95 Percent Prediction Interval" and "Factor for Upper Bound," the row "75" for the number of cases, and, by interpolation, between the "10 percent" and the "20 percent" predicted mortality rate columns. Similarly, 3.3 percent = 13.0 percent - 1.94 x 5.0 percent, the factor -1.94 having been read from the section of Table 5 with the heading "95 Percent Prediction Interval" and "Factor for Lower Bound" and the corresponding row and columns.

Therefore, in comparing the actual and predicted rates, more attention should be given to the hospital whose observed mortality rate lies beyond the bounds calculated for the 99 percent prediction interval than to the hospital whose observed mortality rate lies only beyond the bounds calculated for the 95 percent prediction interval. Likewise, more attention should be given to that hospital than to the hospital whose observed mortality rate lies only beyond the bounds calculated for the 75 percent prediction interval.

For the graphs, the observed mortality and an approximate 95 percent prediction interval are displayed. The prediction interval has bounds at the predicted mortality plus 2 times the standard deviation and at the predicted minus 2 times the standard deviation.

In the mortality rate tables, the observed and predicted mortality rates and the standard deviation as a measure for statistical importance of the difference are displayed for the overall and each of the conditions and procedures.

HOW TO OBTAIN MEDICARE HOSPITAL INFORMATION

The publication has been widely distributed to State health organizations and hospital and medical associations. The publication is available to the public for purchase in 55 volumes, with each volume being sold separately through the Government Printing Office (GPO). More detailed information about the purchase of this publication may be obtained by contacting:

Superintendent of Documents
Government Printing Office
Washington, D.C. 20402

Telephone: (202) 783-3238

As in prior years, the information appearing in the Medicare Hospital Information report is available in machine-readable/electronic format (tape and diskette). The Medicare Hospital Information public use file provides the published information as contained in the 55-volume hardcopy publication, except that the AHA's hospital characteristics are not on this file. Hospital characteristics from HCFA files (OSCAR) are provided instead. The files contain additional information which is useful for supplemental analyses: averages by hospital, MSA, and State for each of the variables used in the model, mortality rates for 15, 30, 60, 90 and 180 days, and cross-reference files which relate State, MSA, and ICD-9-CM codes used to a name. These data should allow analysts to assess an individual hospital's performance in comparison to all hospitals in the State or applicable MSA.

Also available to **hospitals** in machine-readable format is their patient-specific data that were used in the report. These data include the patient variables used in the analysis (e.g., the number and severity level of prior hospitalizations considered by the methodology, admission source and type, etc.) and the predicted probability of death at each time interval for each individual included in the study. With these data it is possible for hospitals to better understand their statistics. **Due to confidentiality considerations, requests for patient-specific data must be forwarded on hospital letterhead, must include the institution's Medicare provider number, and must be signed by the hospital administrator.**

For information about obtaining Medicare Hospital Information electronic media data, please contact HCFA's Bureau of Data Management and Strategy at:

Health Care Financing Administration
Bureau of Data Management and Strategy
Office of Statistics and Data Management
3-A-10 Security Office Park Building
6325 Security Boulevard
Baltimore, Maryland 21207

Telephone: (410) 597-5151

Table 1

DIAGNOSTIC AND PROCEDURE CATEGORIES

The following lists the ICD-9-CM diagnostic and procedure codes used to classify and group patients for presentation

CONDITION/PROCEDURE	ICD-9-CM CODES *(D)=Diagnosis code* *(P)=Procedure code*
Heart Disorders/Procedures	
Acute Myocardial Infarction (AMI)	All of 410 (D) (on 10/1/89 exclude 410 with 5th digit of a 2)

Note: *For code 410 a 5th digit was added on October 1, 1989.*

Congestive Heart Failure (CHF)	398.91, 402.01, 402.11, 402.91, 428.0, 428.1, 428.9 (all D)
Angioplasty (ANGPLSTY)	All of 36.0 (P) excluding 36.00, 36.03, 36.04, 36.09 (all P)

Note: *Code 36.0 had a 4th digit added on October 1, 1986. Code 36.0 got digits of 0, 1, 2, 3, and 9, and code 36.04 got some previously coded cases of 39.97. On October 1, 1987, code 36.01 was divided into 36.01 and 36.05, and some cases from 36.02 were put into 36.05.*

Coronary Artery Bypass Graft (CABG)	All of 36.1(P) and not Angioplasty (see above)
Pacemaker Insertion, Initial (PACE)	37.73, 37.74, 37.75, 37.77 (after 10/1/87 use 37.70 through 37.73) (all P)

Note: *Code 37.70 was restructured on October 1, 1987. Previously the code contained both leads and devices. On October 1 these were separated and devices were coded as 37.80 through 37.83, and codes for the leads were changed into various 37.70 codes.*

CONDITION/PROCEDURE	ICD-9-CM CODES *(D)=Diagnosis code* *(P)=Procedure code*
Pulmonary Disorders	
Pneumonia/Influenza (PNU)	All of 480, all of 481, 482.2, 482.3, 482.9, 483, 485, 486, 487.0 (all D)
Chronic Obstructive Pulmonary (COPD)	All of 491, all of 492, all of 494, Disease all of 496; and 466.0, 518.82, 518.5, and 786.09 when there is a secondary diagnosis of any 496 (all D)
Note:	*Code 518.8 got a 5th digit on October l, 1987. Some cases from 799.1 were put into codes 518.81 and 518.82.*
Cerebrovascular Disorders/Procedures	
Transient Cerebral Ischemia (TCI)	433.1, 433.3, 435 (D) and exclude those patients with an endarterectomy at the time of admission—38.12(P)
Stroke (STK)	431, 434 through 434.9, 436 (all D)
Carotid Endarterectomy (ENDART)	38.12 (P) with 433.1 (D); 433.3 (D) or 435(D) as a principal diagnosis
Musculoskeletal Disorders/Procedures	
Fracture of Neck of Femur (FXHIP)	All of 820 (D)
Hip Replacement/Revision (HIPREP)	81.5, 81.6 (exclude 81.69) (all P). On 10/1/89 code 81.51 (P) through 81.53 (P) with same diagnoses.
Open Reduction of Fractured Femur (OPRDUX)	79.35(P) on condition of 820 (D) as principal diagnosis

CONDITION/PROCEDURE	ICD-9-CM CODES *(D)=Diagnosis code* *(P)=Procedure code*
Genitourinary Disorders/Procedures	
Prostatectomy (PROS)	60.2, 60.3 through 60.69 (all P)
Hysterectomy (HYS)	68.3 through 68.7 (P)
Gastrointestinal Disorders/Procedures	
Cholecystectomy (CHOLOTMY)	51.22 (P)
Sepsis	
Sepsis	003.1, 020.2, 022.3, 036.2, 036.3, 036.89, 036.9, 038.0, 038.1, 038.2, 038.3, 038.40, 038.41, 038.42, 038.43, 038.44, 038.49, 038.8, 038.9, 054.5

Table 2

COMORBIDITY CONDITIONS

(all are D codes)

COMORBIDITY	ICD-9-CM CODES
Cancer	141-160.9, 162-172.9, 174-208.91
Chronic cardiovascular disease	412-414.9, 426-429.1
Chronic liver disease	571-572.8
Chronic renal disease	582-583.9, 585-587, 403.01, 403.11, 403.91, 404.02, 404.03, 404.12, 404.13, 404.92, 404.93
Chronic diabetes	250.01, 250.1-250.91
Chronic pulmonary disease	491-493.91, 496
Cerebrovascular degeneration	290-290.9, 294-299.9

Table 3

EXPLANATORY VARIABLES FOR THE MORTALITY MODEL

Generally the same variables are used for all diagnostic categories.

Demographics

SXFM An indicator variable: = 1 if Female, 0 otherwise

AGEFM = AGESP if SXFM = 1, 0 otherwise
AGEML = AGESP if SXFM = 0, 0 otherwise

where

$$\text{AGESP} = \text{sign}\,(\text{W-65})\left(\left|\frac{\text{W-65}}{65}\right|\right)^{1.44}$$

and

$$\text{W} = \left\{\begin{matrix} 23 \text{ if AGE} \leq 23 \\ \text{AGE if } 23 < \text{AGE} < 100 \\ 100 \text{ if } 100 \leq \text{AGE} \end{matrix}\right\}$$

Comorbidities **ICD-9-CM Codes**

(Indicator variables = 1 if comorbidity present on current or prior admission with discharge within 6 months prior to current admission, 0 otherwise)

CCA	Cancer	141-160.9, 162-172.9, 174-208.91
CCV	Chronic cardiovascular disease	412-414.9, 426-429.1
CLV	Chronic liver disease	571-572.8
CRN	Chronic renal disease	582-583.9, 585-587, 403.01, 403.11, 403.91, 404.02, 404.03, 404.12, 404.13, 404.92, 404.93
CDI	Chronic diabetes	250.01, 250.1-250.91
COP	Chronic pulmonary disease	491-493.91, 496
CCE	Cerebrovascular degeneration	290-290.9, 294-299.9

Co Occurrence of Comorbidities

COP_CCV	1 if COP = 1 and CCV = 1, 0 otherwise
CCA_CCV	1 if CCA = 1 and CCV = 1, 0 otherwise
COP_CCA	1 if COP = 1 and CCA = 1, 0 otherwise
CCE_CCV	1 if CCE = 1 and CCV = 1, 0 otherwise
CRN_CCV	1 if CRN = 1 and CCV = 1, 0 otherwise

Admission Sources and Types

(Indicator variables = 1 if source or type present, 0 otherwise)

PREF	Patient referred by personal or HMO physician
TRSNF	Patient transferred from skilled nursing facility
ELCT	Patient admitted for elective procedure
EMRG	Patient admitted for emergency

Co-Occurrence of Admission Source and Type

PREF_ELEC = 1 if PREF = 1 and ELCT = 1, 0 otherwise

Previous Hospitalizations

P_RISK1	Number at 1st risk level with 3 or more set to 3
P_RISK2	Number at 2nd risk level with 3 or more set to 3
P_RISK3	Number at 3rd risk level with 3 or more set to 3
P_RISK4	Number at 4th risk level with 4 or more set to 4
P_RISK5	Number at 5th risk level with 3 or more set to 3
F(T)	Probability of death from previous admission if discharge within 182 days of current admission, 0 otherwise

Time Trend

FLAG89	1 if discharge in FY1989, 0 otherwise
FLAG90	1 if discharge in FY1990, 0 otherwise
INYEAR	Difference between current admission date and April 1 of fiscal year of discharge

TABLE 4
SMR DISTRIBUTION FOR HOSPITALS WITH GREATER THAN 50 CASES
1990 STUDY, FY1990

CONDITIONS/PROCEDURES	NUMBER OF HOSPITALS	30 DAYS					90 DAYS					180 DAYS				
		2.5%	25%	50%	75%	97.5%	2.5%	25%	50%	75%	97.5%	2.5%	25%	50%	75%	97.5%
OVERALL(< 750 CASES)	2645	0.45	0.88	1.04	1.23	1.72	0.56	0.90	1.03	1.17	1.54	0.61	0.90	1.02	1.15	1.46
OVERALL(>= 750 CASES)	2684	0.73	0.91	0.99	1.09	1.35	0.79	0.94	1.01	1.09	1.28	0.82	0.94	1.01	1.08	1.24
CONDITIONS																
AMI	1405	0.54	0.80	0.95	1.11	1.42	0.62	0.86	0.99	1.14	1.44	0.63	0.86	0.99	1.13	1.39
CHF	2335	0.43	0.79	0.98	1.17	1.64	0.60	0.85	0.99	1.13	1.49	0.66	0.89	1.00	1.13	1.41
PNEUMONIA/INFLUENZA	2428	0.41	0.78	0.97	1.18	1.68	0.53	0.84	1.00	1.17	1.55	0.57	0.86	1.01	1.16	1.50
COPD	435	0.00	0.63	0.97	1.34	2.06	0.30	0.78	1.02	1.26	1.74	0.40	0.82	1.01	1.24	1.69
TRANS. CEREBRAL ISCHEMIA	404	0.00	0.00	0.83	1.34	3.20	0.00	0.48	0.85	1.31	2.27	0.21	0.60	0.90	1.21	2.05
STROKE	1789	0.53	0.79	0.95	1.13	1.56	0.61	0.84	0.98	1.13	1.47	0.65	0.87	0.99	1.12	1.42
HIP FRACTURE	1199	0.21	0.67	0.93	1.27	2.10	0.40	0.76	0.94	1.19	1.80	0.47	0.78	0.97	1.16	1.64
SEPSIS	254	0.51	0.79	0.96	1.12	1.50	0.65	0.86	0.99	1.13	1.47	0.69	0.89	1.01	1.15	1.44
PROCEDURES																
ANGIOPLASTY	425	0.00	0.49	0.89	1.33	2.66	0.00	0.60	0.93	1.36	2.34	0.00	0.63	0.97	1.34	2.14
CABG	556	0.20	0.68	1.03	1.39	2.45	0.28	0.73	1.00	1.32	2.09	0.28	0.73	1.01	1.30	2.10
PACEMAKER	112	0.00	0.41	0.72	1.37	3.25	0.20	0.61	0.90	1.21	2.17	0.21	0.65	0.84	1.16	1.87
CAROTID ENDARTERECTOMY	73	0.00	0.00	0.85	1.33	2.90	0.00	0.14	0.74	1.28	2.43	0.00	0.42	0.86	1.38	2.86
HIP REPLACEMENT	763	0.00	0.53	0.94	1.44	2.77	0.19	0.67	0.96	1.31	2.12	0.26	0.71	0.94	1.26	1.91
REDUCT. OF HIP FRACTURE	276	0.00	0.56	0.86	1.22	2.05	0.31	0.68	0.92	1.19	1.76	0.38	0.77	0.96	1.12	1.58
PROSTATECTOMY	1576	0.00	0.00	0.73	1.57	3.56	0.00	0.49	0.91	1.40	2.63	0.00	0.57	0.92	1.29	2.21
CHOLECYSTECTOMY	714	0.00	0.49	0.95	1.54	2.68	0.00	0.62	0.93	1.37	2.22	0.22	0.67	0.98	1.27	1.93
HYSTERECTOMY	113	0.00	0.00	0.00	2.00	6.69	0.00	0.00	0.76	1.70	3.59	0.00	0.24	0.75	1.27	2.91

TABLE 4
SMR DISTRIBUTION FOR HOSPITALS WITH GREATER THAN 50 CASES
1990 STUDY, FY1989

CONDITIONS/PROCEDURES	NUMBER OF HOSPITALS	30 DAYS					90 DAYS					180 DAYS				
		2.5%	25%	50%	75%	97.5%	2.5%	25%	50%	75%	97.5%	2.5%	25%	50%	75%	97.5%
OVERALL(< 750 CASES)	2746	0.50	0.87	1.04	1.23	1.73	0.58	0.89	1.03	1.17	1.54	0.61	0.89	1.01	1.14	1.44
OVERALL(>= 750 CASES)	2669	0.71	0.90	1.00	1.09	1.35	0.79	0.94	1.01	1.08	1.28	0.82	0.95	1.01	1.07	1.24
CONDITIONS																
AMI	1412	0.53	0.81	0.96	1.12	1.47	0.59	0.86	1.01	1.15	1.47	0.63	0.87	1.00	1.14	1.43
CHF	2293	0.47	0.80	0.97	1.18	1.69	0.58	0.86	1.00	1.14	1.48	0.66	0.89	1.02	1.14	1.40
PNEUMONIA/INFLUENZA	2179	0.45	0.77	0.97	1.19	1.67	0.54	0.85	1.01	1.18	1.55	0.60	0.86	1.02	1.18	1.51
COPD	324	0.21	0.68	0.99	1.32	2.13	0.44	0.78	1.04	1.27	1.91	0.49	0.84	1.04	1.24	1.66
TRANS. CEREBRAL ISCHEMIA	420	0.00	0.00	0.79	1.41	3.26	0.00	0.46	0.88	1.33	2.36	0.18	0.60	0.92	1.25	1.97
STROKE	1728	0.53	0.80	0.95	1.12	1.56	0.62	0.85	0.97	1.11	1.46	0.67	0.88	0.99	1.13	1.40
HIP FRACTURE	1126	0.24	0.67	0.95	1.30	2.04	0.39	0.75	0.98	1.21	1.71	0.46	0.78	0.97	1.18	1.59
SEPSIS	174	0.52	0.79	0.94	1.10	1.52	0.63	0.88	1.02	1.15	1.46	0.68	0.93	1.05	1.16	1.43
PROCEDURES																
ANGIOPLASTY	370	0.00	0.46	0.84	1.35	2.55	0.00	0.55	0.88	1.33	2.52	0.00	0.61	0.94	1.32	2.44
CABG	501	0.21	0.65	1.00	1.47	2.57	0.23	0.69	1.00	1.33	2.29	0.32	0.74	1.01	1.33	2.21
PACEMAKER	91	0.00	0.52	0.74	1.12	2.31	0.00	0.56	0.83	1.15	2.14	0.20	0.68	0.81	1.16	1.87
CAROTID ENDARTERECTOMY	55	0.00	0.00	0.82	1.51	5.01	0.00	0.47	0.86	1.31	4.00	0.00	0.43	0.85	1.28	3.12
HIP REPLACEMENT	686	0.00	0.52	0.92	1.44	2.46	0.00	0.65	0.94	1.27	1.95	0.21	0.67	0.94	1.19	1.75
REDUCT. OF HIP FRACTURE	246	0.19	0.57	0.91	1.23	1.96	0.31	0.71	0.96	1.19	1.74	0.41	0.78	0.96	1.13	1.53
PROSTATECTOMY	1570	0.00	0.00	0.67	1.50	3.46	0.00	0.47	0.86	1.36	2.67	0.00	0.58	0.93	1.28	2.15
CHOLECYSTECTOMY	680	0.00	0.53	0.94	1.53	2.90	0.00	0.62	0.97	1.36	2.15	0.22	0.66	0.95	1.26	1.98
HYSTERECTOMY	101	0.00	0.00	0.00	1.80	5.44	0.00	0.00	0.78	1.60	4.21	0.00	0.00	0.91	1.38	2.99

TABLE 4
SMR DISTRIBUTION FOR HOSPITALS WITH GREATER THAN 50 CASES
1990 STUDY, FY1988

CONDITIONS/PROCEDURES	NUMBER OF HOSPITALS	30 DAYS					90 DAYS					180 DAYS				
		2.5%	25%	50%	75%	97.5%	2.5%	25%	50%	75%	97.5%	2.5%	25%	50%	75%	97.5%
OVERALL(< 750 CASES)	2838	0.46	0.89	1.05	1.23	1.75	0.54	0.90	1.03	1.16	1.57	0.59	0.90	1.02	1.14	1.45
OVERALL(>= 750 CASES)	2693	0.73	0.90	1.00	1.10	1.35	0.79	0.94	1.01	1.09	1.27	0.82	0.95	1.01	1.08	1.24
CONDITIONS																
AMI	1414	0.56	0.82	0.96	1.12	1.41	0.63	0.87	1.01	1.14	1.42	0.65	0.89	1.00	1.13	1.39
CHF	2246	0.45	0.79	0.97	1.18	1.61	0.60	0.86	1.00	1.14	1.43	0.68	0.90	1.02	1.13	1.37
PNEUMONIA/INFLUENZA	2069	0.44	0.79	0.97	1.17	1.68	0.57	0.85	1.01	1.17	1.59	0.61	0.87	1.01	1.16	1.53
COPD	310	0.21	0.67	0.92	1.30	2.17	0.39	0.79	0.98	1.20	1.81	0.51	0.82	0.99	1.19	1.59
TRANS. CEREBRAL ISCHEMIA	495	0.00	0.00	0.84	1.48	2.94	0.00	0.48	0.92	1.39	2.28	0.21	0.60	0.92	1.27	1.92
STROKE	1726	0.51	0.79	0.95	1.12	1.56	0.60	0.84	0.98	1.13	1.44	0.64	0.88	1.00	1.13	1.42
HIP FRACTURE	1119	0.24	0.65	0.96	1.27	2.07	0.40	0.78	0.98	1.21	1.77	0.47	0.80	0.98	1.17	1.64
SEPSIS	133	0.58	0.77	0.92	1.08	1.64	0.56	0.86	1.00	1.13	1.54	0.67	0.88	1.02	1.14	1.53
PROCEDURES																
ANGIOPLASTY	297	0.00	0.50	0.87	1.35	2.60	0.00	0.59	0.91	1.34	2.50	0.00	0.65	0.95	1.31	2.25
CABG	478	0.21	0.68	0.98	1.39	2.40	0.32	0.73	1.00	1.36	2.12	0.38	0.75	1.01	1.31	2.04
PACEMAKER	83	0.00	0.34	0.65	1.04	1.75	0.01	0.54	0.85	1.03	1.70	0.23	0.69	0.87	1.10	1.57
CAROTID ENDARTERECTOMY	69	0.00	0.00	0.60	1.23	3.30	0.00	0.33	0.62	1.09	2.50	0.00	0.44	0.68	1.16	1.87
HIP REPLACEMENT	670	0.00	0.49	0.95	1.40	2.65	0.00	0.66	1.01	1.31	2.15	0.24	0.70	0.96	1.24	1.87
REDUCT. OF HIP FRACTURE	259	0.00	0.61	0.91	1.26	2.16	0.38	0.74	0.96	1.21	1.94	0.44	0.77	0.96	1.16	1.79
PROSTATECTOMY	1619	0.00	0.00	0.78	1.53	3.69	0.00	0.54	0.92	1.39	2.57	0.00	0.61	0.93	1.30	2.21
CHOLECYSTECTOMY	642	0.00	0.50	0.96	1.44	3.04	0.00	0.61	0.96	1.36	2.26	0.25	0.66	0.96	1.27	2.01
HYSTERECTOMY	90	0.00	0.00	0.00	1.57	5.00	0.00	0.00	0.68	1.43	2.83	0.00	0.28	0.67	1.15	2.88

TABLE 5: MULTIPLICATIVE FACTORS FOR THE CALCULATION OF THE BOUNDS FOR PREDICTION INTERVALS

(n is the number of cases at your hospital and p is the predicted mortality rate)

	99% Prediction Interval					95% Prediction Interval					75% Prediction Interval				
	Factor for Upper Bound					Factor for Upper Bound					Factor for Upper Bound				
p n	1%	5%	10%	20%	40%	1%	5%	10%	20%	40%	1%	5%	10%	20%	40%
25	2.95	2.73	2.68	2.63	2.59	2.15	2.04	2.01	1.99	1.97	1.17	1.16	1.16	1.15	1.15
50	2.76	2.65	2.63	2.60	2.58	2.05	2.00	1.99	1.97	1.96	1.16	1.15	1.15	1.15	1.15
75	2.70	2.63	2.61	2.59	2.58	2.02	1.99	1.98	1.97	1.96	1.16	1.15	1.15	1.15	1.15
100	2.67	2.61	2.60	2.59	2.58	2.01	1.98	1.97	1.97	1.96	1.16	1.15	1.15	1.15	1.15
150	2.64	2.60	2.59	2.59	2.58	1.99	1.97	1.97	1.96	1.96	1.15	1.15	1.15	1.15	1.15
200	2.62	2.60	2.59	2.58	2.58	1.98	1.97	1.97	1.96	1.96	1.15	1.15	1.15	1.15	1.15
300	2.61	2.59	2.58	2.58	2.58	1.98	1.97	1.96	1.96	1.96	1.15	1.15	1.15	1.15	1.15
400	2.60	2.59	2.58	2.58	2.58	1.97	1.96	1.96	1.96	1.96	1.15	1.15	1.15	1.15	1.15
500	2.59	2.58	2.58	2.58	2.58	1.97	1.96	1.96	1.96	1.96	1.15	1.15	1.15	1.15	1.15
750	2.59	2.58	2.58	2.58	2.58	1.97	1.96	1.96	1.96	1.96	1.15	1.15	1.15	1.15	1.15
1000	2.59	2.58	2.58	2.58	2.58	1.96	1.96	1.96	1.96	1.96	1.15	1.15	1.15	1.15	1.15
2000	2.58	2.58	2.58	2.58	2.58	1.96	1.96	1.96	1.96	1.96	1.15	1.15	1.15	1.15	1.15
5000	2.58	2.58	2.58	2.58	2.58	1.96	1.96	1.96	1.96	1.96	1.15	1.15	1.15	1.15	1.15

	Factor for Lower Bound					Factor for Lower Bound					Factor for Lower Bound				
p n	1%	5%	10%	20%	40%	1%	5%	10%	20%	40%	1%	5%	10%	20%	40%
25	-2.21	-2.42	-2.48	-2.52	-2.56	-1.77	-1.88	-1.91	-1.93	-1.95	-1.13	-1.14	-1.14	-1.15	-1.15
50	-2.39	-2.50	-2.53	-2.55	-2.57	-1.87	-1.92	-1.93	-1.95	-1.96	-1.14	-1.15	-1.15	-1.15	-1.15
75	-2.45	-2.52	-2.54	-2.56	-2.57	-1.90	-1.93	-1.94	-1.95	-1.96	-1.14	-1.15	-1.15	-1.15	-1.15
100	-2.48	-2.54	-2.55	-2.56	-2.57	-1.91	-1.94	-1.95	-1.95	-1.96	-1.15	-1.15	-1.15	-1.15	-1.15
150	-2.51	-2.55	-2.56	-2.57	-2.57	-1.93	-1.95	-1.95	-1.96	-1.96	-1.15	-1.15	-1.15	-1.15	-1.15
200	-2.53	-2.56	-2.56	-2.57	-2.57	-1.94	-1.95	-1.95	-1.96	-1.96	-1.15	-1.15	-1.15	-1.15	-1.15
300	-2.54	-2.56	-2.57	-2.57	-2.57	-1.94	-1.95	-1.96	-1.96	-1.96	-1.15	-1.15	-1.15	-1.15	-1.15
400	-2.55	-2.57	-2.57	-2.57	-2.57	-1.95	-1.96	-1.96	-1.96	-1.96	-1.15	-1.15	-1.15	-1.15	-1.15
500	-2.56	-2.57	-2.57	-2.57	-2.58	-1.95	-1.96	-1.96	-1.96	-1.96	-1.15	-1.15	-1.15	-1.15	-1.15
750	-2.56	-2.57	-2.57	-2.57	-2.58	-1.95	-1.96	-1.96	-1.96	-1.96	-1.15	-1.15	-1.15	-1.15	-1.15
1000	-2.57	-2.57	-2.57	-2.57	-2.58	-1.96	-1.96	-1.96	-1.96	-1.96	-1.15	-1.15	-1.15	-1.15	-1.15
2000	-2.57	-2.57	-2.57	-2.58	-2.58	-1.96	-1.96	-1.96	-1.96	-1.96	-1.15	-1.15	-1.15	-1.15	-1.15
5000	-2.57	-2.58	-2.58	-2.58	-2.58	-1.96	-1.96	-1.96	-1.96	-1.96	-1.15	-1.15	-1.15	-1.15	-1.15

Medicare Hospital Information

ADAMS COUNTY MEMORIAL HOSPITAL

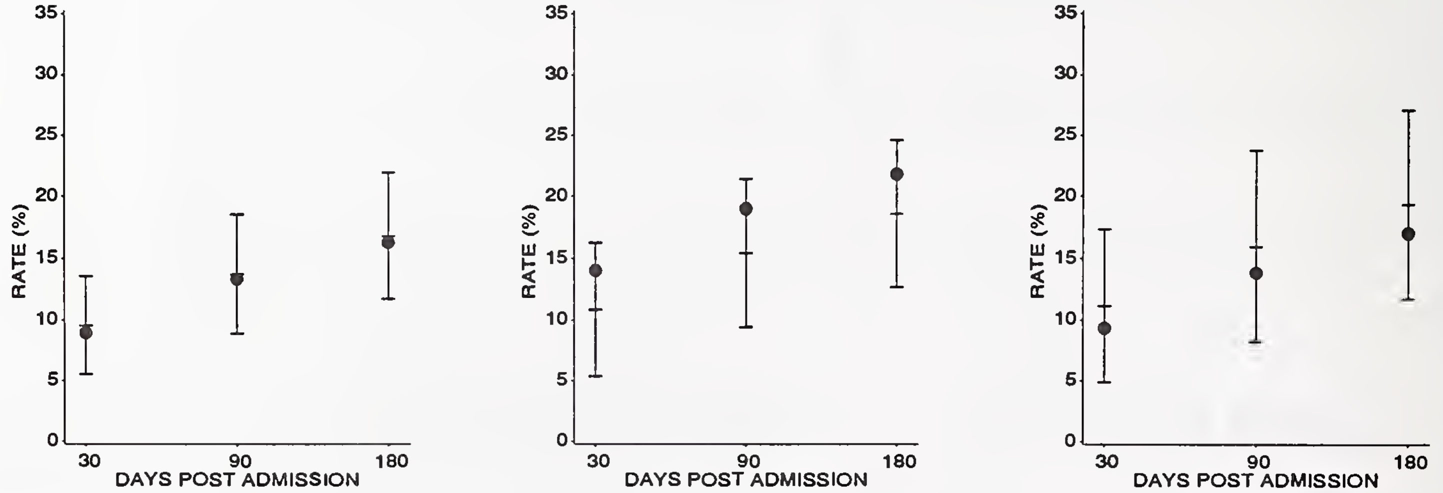
402 W LAKE ST
FRIENDSHIP, WI 53934
Medicare Provider Number: 520074

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	289	9.3	11.1	3.1	13.8	15.9	3.9	17.0	19.3	3.9
CONDITIONS:										
Acute Myocardial Infarction	12	0.0	29.6	-----	16.7	32.0	-----	25.0	34.8	-----
Congestive Heart Failure	12	33.3	13.1	-----	33.3	20.7	-----	50.0	27.0	-----
Pneumonia/Influenza	16	12.5	19.9	-----	18.8	26.9	-----	18.8	31.0	-----
Chronic Obstructive Pulmonary Disease	4	25.0	9.2	-----	25.0	14.6	-----	25.0	18.8	-----
Transient Cerebral Ischemia	3	33.3	2.3	-----	33.3	4.5	-----	33.3	6.7	-----
Stroke	15	33.3	18.3	-----	46.7	24.9	-----	46.7	28.6	-----
Hip Fracture	3	0.0	6.8	-----	0.0	11.2	-----	0.0	14.7	-----
Sepsis	5	0.0	35.0	-----	20.0	40.5	-----	20.0	44.3	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	5	0.0	3.3	-----	0.0	5.5	-----	0.0	7.3	-----
Open Reduction of Hip Fracture	0									
Prostatectomy	8	12.5	0.6	-----	12.5	1.3	-----	12.5	2.2	-----
Cholecystectomy	4	0.0	0.9	-----	0.0	1.5	-----	0.0	2.0	-----
Hysterectomy	2	0.0	0.7	-----	0.0	1.7	-----	0.0	3.1	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988 FY 1989 FY 1990

ADAMS COUNTY MEMORIAL HOSPITAL

Medicare Provider Number: 520074

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	75.7 years
Proportion female	50.9 %

ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	33.9 %
Transferred from skilled nursing facility	2.8 %
Admitted for elective procedure	17.3 %
Admitted for emergency	55.7 %

COMORBIDITIES:	
Cancer	9.3 %
Chronic cardiovascular disease	34.3 %
Chronic liver disease	1.7 %
Chronic renal disease	3.5 %
Chronic pulmonary disease	13.1 %
Cerebrovascular degeneration	3.1 %
Diabetes mellitus	3.8 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	70.9%
State	25.1%
Outside State	4.0%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	5.9 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	58
Occupancy Rate	50.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	59.7 %
Case Mix Index (CMI)	1.1232

STAFFING:	
Total Number of Physicians	8
Percent of Physicians Board Certified Specialists	87.5 %
Medical Residents/Interns	0
Registered Nurses	23
Licensed Practical Nurses	4

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

** Except for CMI

* Not used in calculating mortality rates

APPLE RIVER HOSPITAL INC

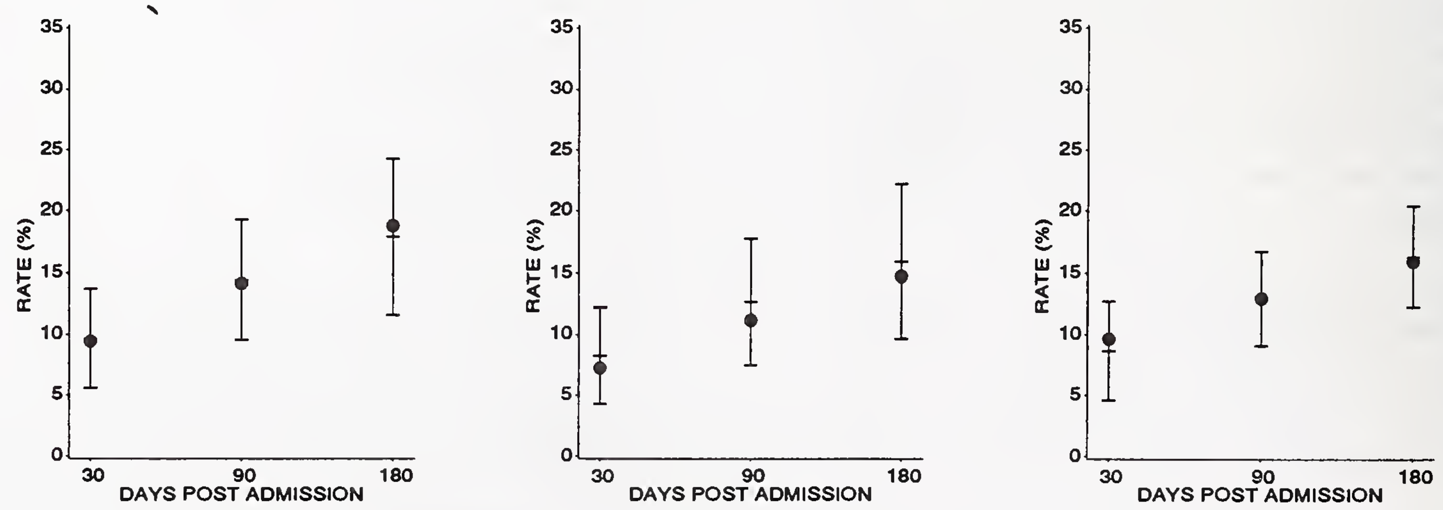
230 DERONDA STREET
AMERY, WI 54001
Medicare Provider Number: 520018

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	333	9.6	8.6	2.0	12.9	12.9	1.9	15.9	16.3	2.0
CONDITIONS:										
Acute Myocardial Infarction	9	33.3	23.6	-----	44.4	26.4	-----	44.4	29.3	-----
Congestive Heart Failure	22	18.2	15.1	-----	22.7	22.3	-----	27.3	28.2	-----
Pneumonia/Influenza	23	0.0	13.3	-----	0.0	18.1	-----	0.0	21.5	-----
Chronic Obstructive Pulmonary Disease	3	0.0	8.2	-----	0.0	14.1	-----	0.0	17.8	-----
Transient Cerebral Ischemia	5	0.0	2.0	-----	0.0	4.6	-----	0.0	7.6	-----
Stroke	17	23.5	20.8	-----	23.5	27.4	-----	35.3	31.7	-----
Hip Fracture	18	11.1	7.9	-----	11.1	13.9	-----	11.1	18.5	-----
Sepsis	4	50.0	24.7	-----	50.0	34.9	-----	50.0	40.3	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	2.2	-----	0.0	4.6	-----	0.0	7.0	-----
Open Reduction of Hip Fracture	12	16.7	8.7	-----	16.7	15.4	-----	16.7	20.8	-----
Prostatectomy	11	0.0	1.0	-----	0.0	2.2	-----	0.0	3.8	-----
Cholecystectomy	7	0.0	0.9	-----	0.0	1.7	-----	0.0	2.4	-----
Hysterectomy	2	0.0	0.1	-----	0.0	0.4	-----	0.0	0.8	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988 FY 1989 FY 1990

APPLE RIVER HOSPITAL INC

Medicare Provider Number: 520018

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	77.2 years
Proportion female	52.0 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	38.1 %
Transferred from skilled nursing facility	3.0 %
Admitted for elective procedure	0.9 %
Admitted for emergency	6.0 %

COMORBIDITIES:	
Cancer	5.4 %
Chronic cardiovascular disease	36.0 %
Chronic liver disease	0.0 %
Chronic renal disease	1.5 %
Chronic pulmonary disease	9.6 %
Cerebrovascular degeneration	4.5 %
Diabetes mellitus	10.8 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	80.5%
State	15.5%
Outside State	4.0%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	4.8 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	35
Occupancy Rate	31.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	48.1 %
Case Mix Index (CMI)	1.0090
STAFFING:	
Total Number of Physicians	39
Percent of Physicians Board Certified Specialists	84.6 %
Medical Residents/Interns	0
Registered Nurses	27
Licensed Practical Nurses	9

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

APPLETON MEDICAL CENTER

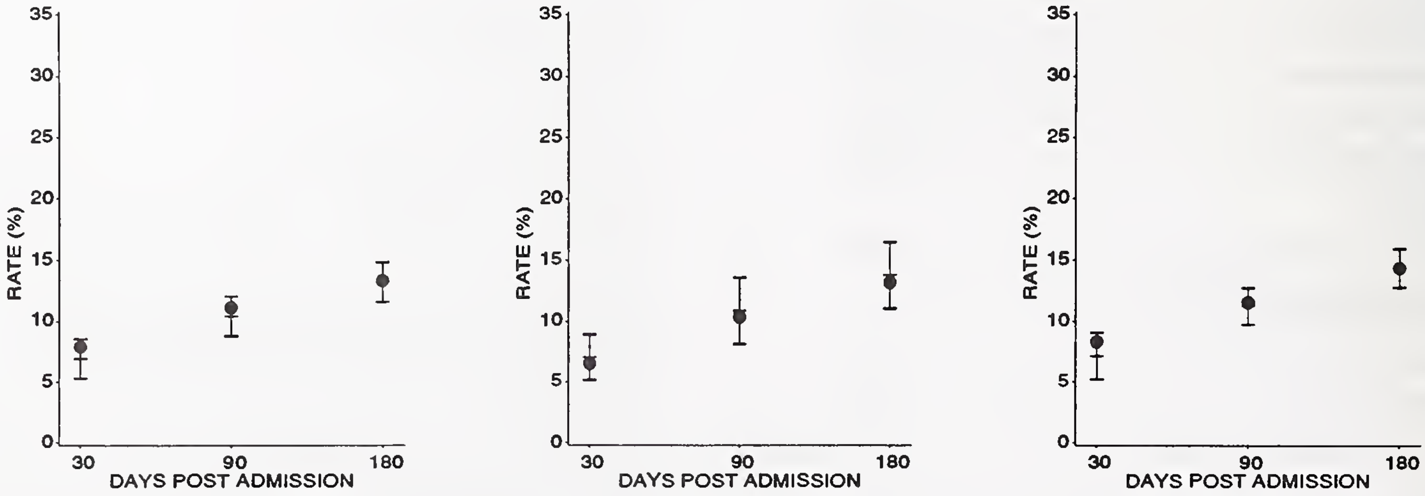
1818 NORTH MEADE STREET
APPLETON, WI 54911
Medicare Provider Number: 520160

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	1918	8.3	7.1	1.0	11.5	11.2	0.7	14.3	14.3	0.8
CONDITIONS:										
Acute Myocardial Infarction	105	17.1	18.5	4.3	17.1	21.2	4.8	18.1	23.7	5.7
Congestive Heart Failure	113	14.2	14.2	6.6	20.4	23.0	6.7	26.5	29.5	6.4
Pneumonia/Influenza	56	14.3	13.2	5.1	19.6	19.1	5.3	19.6	23.4	7.1
Chronic Obstructive Pulmonary Disease	15	13.3	7.8	-----	20.0	13.6	-----	33.3	18.3	-----
Transient Cerebral Ischemia	16	0.0	1.8	-----	6.3	4.1	-----	6.3	6.8	-----
Stroke	62	21.0	14.8	5.9	25.8	20.7	5.8	27.4	24.3	6.4
Hip Fracture	45	8.9	5.3	-----	8.9	9.8	-----	17.8	13.3	-----
Sepsis	9	22.2	21.8	-----	44.4	31.0	-----	44.4	37.1	-----
PROCEDURES:										
Angioplasty	108	2.8	2.5	1.5	3.7	3.5	1.8	3.7	4.5	2.4
Coronary Artery Bypass Graft	135	3.7	4.7	2.5	4.4	6.8	3.6	5.2	7.8	4.3
Initial Pacemaker Insertion	27	7.4	2.1	-----	7.4	4.2	-----	7.4	6.1	-----
Carotid Endarterectomy	19	0.0	1.4	-----	0.0	2.5	-----	0.0	3.8	-----
Hip Replacement/Reconstruction	40	0.0	1.6	-----	0.0	3.1	-----	2.5	4.4	-----
Open Reduction of Hip Fracture	25	8.0	5.3	-----	8.0	9.8	-----	20.0	13.4	-----
Prostatectomy	77	0.0	1.2	1.6	1.3	3.1	2.3	2.6	5.4	3.2
Cholecystectomy	37	2.7	2.3	-----	2.7	4.4	-----	5.4	6.1	-----
Hysterectomy	24	0.0	0.4	-----	0.0	0.8	-----	0.0	1.4	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

APPLETON MEDICAL CENTER
Medicare Provider Number: 520160

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	74.2 years
Proportion female	50.6 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	98.3 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	43.2 %
Admitted for emergency	0.4 %

COMORBIDITIES:

Cancer	8.9 %
Chronic cardiovascular disease	51.7 %
Chronic liver disease	0.4 %
Chronic renal disease	1.9 %
Chronic pulmonary disease	11.6 %
Cerebrovascular degeneration	3.8 %
Diabetes mellitus	5.7 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	57.9%
State	40.5%
Outside State	1.6%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	7.6 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1989

PROFILE:

Total Beds	156
Occupancy Rate	64.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	(Not Available)
Case Mix Index (CMI)	1.7379

STAFFING:

Total Number of Physicians	207
Percent of Physicians Board Certified Specialists	83.1 %
Medical Residents/Interns	0
Registered Nurses	159
Licensed Practical Nurses	45

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

*** Not used in calculating mortality rates**

BALDWIN COMMUNITY MEMORIAL HOSPITAL

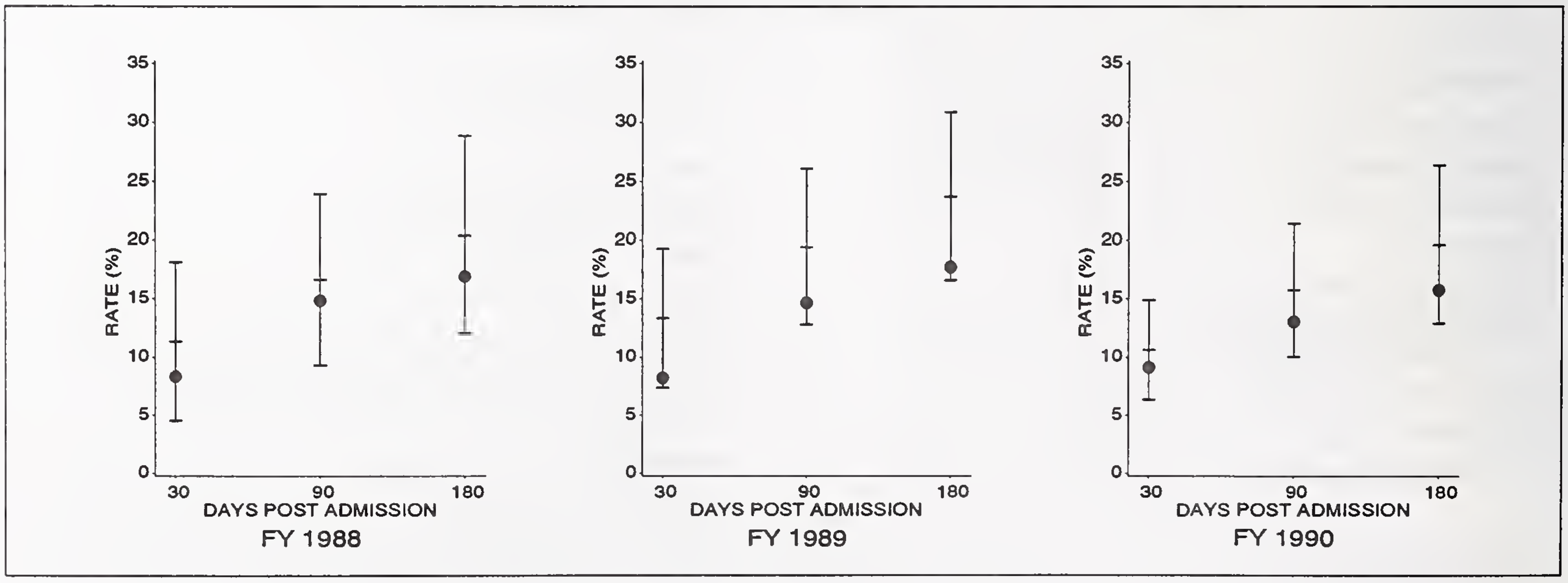
950 CURTIS STREET
BALDWIN, WI 54002
Medicare Provider Number: 520123

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	230	9.1	10.6	2.1	13.0	15.7	2.8	15.7	19.6	3.4
CONDITIONS:										
Acute Myocardial Infarction	3	0.0	30.0	-----	0.0	32.8	-----	0.0	35.9	-----
Congestive Heart Failure	4	0.0	22.8	-----	0.0	35.2	-----	25.0	43.5	-----
Pneumonia/Influenza	21	14.3	18.8	-----	23.8	26.1	-----	28.6	31.0	-----
Chronic Obstructive Pulmonary Disease	7	0.0	11.9	-----	0.0	21.1	-----	14.3	27.1	-----
Transient Cerebral Ischemia	2	0.0	0.6	-----	0.0	1.4	-----	0.0	2.4	-----
Stroke	5	20.0	20.3	-----	40.0	25.8	-----	40.0	29.5	-----
Hip Fracture	8	0.0	8.7	-----	12.5	15.5	-----	25.0	19.4	-----
Sepsis	1	0.0	14.1	-----	0.0	22.8	-----	0.0	28.7	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	15.1	-----	0.0	26.0	-----	0.0	31.5	-----
Open Reduction of Hip Fracture	5	0.0	5.2	-----	20.0	10.4	-----	40.0	14.1	-----
Prostatectomy	5	0.0	1.0	-----	0.0	2.4	-----	0.0	4.3	-----
Cholecystectomy	3	0.0	0.4	-----	0.0	0.7	-----	0.0	0.9	-----
Hysterectomy	2	0.0	1.3	-----	0.0	2.8	-----	0.0	4.7	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

BALDWIN COMMUNITY MEMORIAL HOSPITAL
Medicare Provider Number: 520123

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	78.6 years
Proportion female	57.4 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	30.0 %
Transferred from skilled nursing facility	25.7 %
Admitted for elective procedure	10.4 %
Admitted for emergency	50.4 %

COMORBIDITIES:	
Cancer	3.5 %
Chronic cardiovascular disease	29.1 %
Chronic liver disease	0.9 %
Chronic renal disease	1.7 %
Chronic pulmonary disease	11.7 %
Cerebrovascular degeneration	7.0 %
Diabetes mellitus	5.2 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	72.8%
State	22.3%
Outside State	4.9%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	5.2 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	25
Occupancy Rate	40.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	48.0 %
Case Mix Index (CMI)	0.9790
STAFFING:	
Total Number of Physicians	9
Percent of Physicians Board Certified Specialists	100.0 %
Medical Residents/Interns	0
Registered Nurses	17
Licensed Practical Nurses	8

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

** Except for CMI

*** Not used in calculating mortality rates**

BARRON MEMORIAL MEDICAL CENTER

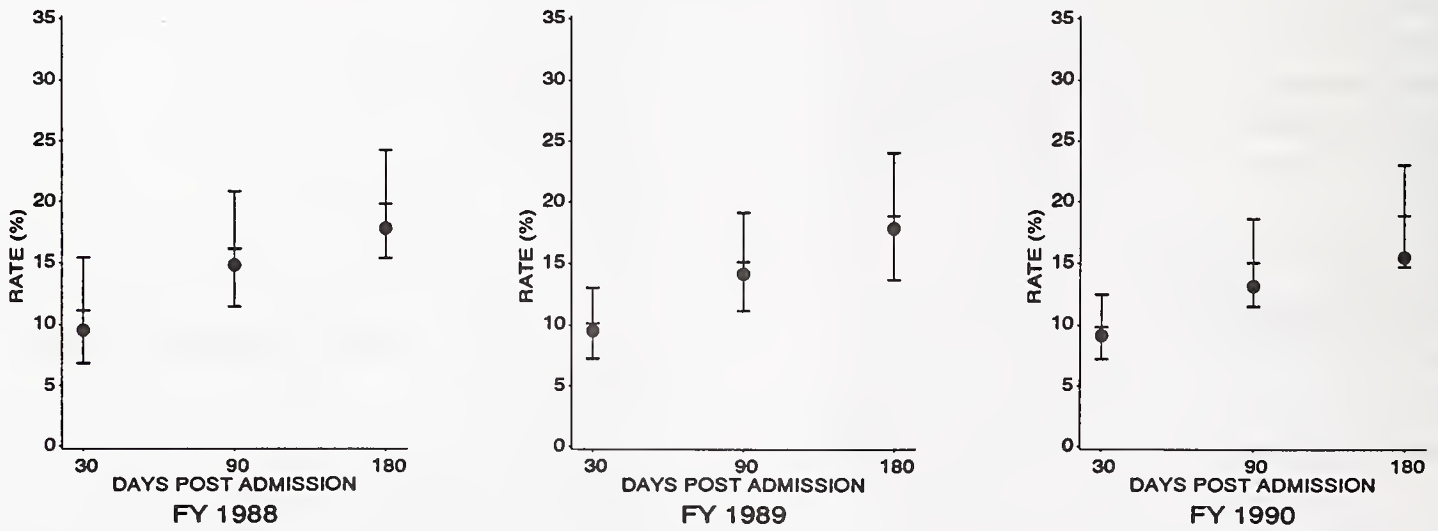
1222 WOODLAND AVE
BARRON, WI 54812
Medicare Provider Number: 520124

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	525	9.1	9.8	1.3	13.1	15.0	1.8	15.4	18.8	2.1
CONDITIONS:										
Acute Myocardial Infarction	20	25.0	30.2	-----	25.0	33.1	-----	25.0	36.2	-----
Congestive Heart Failure	43	16.3	15.4	-----	23.3	24.2	-----	27.9	30.6	-----
Pneumonia/Influenza	45	8.9	16.3	-----	11.1	22.5	-----	13.3	26.8	-----
Chronic Obstructive Pulmonary Disease	8	12.5	6.8	-----	12.5	12.5	-----	12.5	16.7	-----
Transient Cerebral Ischemia	8	0.0	1.9	-----	0.0	4.7	-----	0.0	7.9	-----
Stroke	21	28.6	18.7	-----	33.3	25.3	-----	38.1	29.7	-----
Hip Fracture	13	15.4	6.0	-----	15.4	10.9	-----	15.4	14.4	-----
Sepsis	5	0.0	29.5	-----	0.0	40.8	-----	0.0	47.1	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	12	16.7	2.9	-----	16.7	5.6	-----	25.0	8.0	-----
Open Reduction of Hip Fracture	8	12.5	4.9	-----	12.5	8.9	-----	12.5	11.8	-----
Prostatectomy	14	0.0	0.9	-----	0.0	2.0	-----	0.0	3.3	-----
Cholecystectomy	14	7.1	2.6	-----	7.1	5.0	-----	7.1	6.8	-----
Hysterectomy	4	0.0	0.1	-----	0.0	0.2	-----	0.0	0.4	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



BARRON MEMORIAL MEDICAL CENTER

Medicare Provider Number: 520124

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	78.5 years
Proportion female	58.5 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	53.7 %
Transferred from skilled nursing facility	7.8 %
Admitted for elective procedure	12.6 %
Admitted for emergency	4.6 %

COMORBIDITIES:

Cancer	6.1 %
Chronic cardiovascular disease	35.2 %
Chronic liver disease	0.8 %
Chronic renal disease	1.7 %
Chronic pulmonary disease	9.5 %
Cerebrovascular degeneration	11.4 %
Diabetes mellitus	10.1 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	83.9%
State	13.6%
Outside State	2.5%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	5.2 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	92
Occupancy Rate	75.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	51.8 %
Case Mix Index (CMI)	1.0810

STAFFING:

Total Number of Physicians	48
Percent of Physicians Board Certified Specialists	62.5 %
Medical Residents/Interns	0
Registered Nurses	33
Licensed Practical Nurses	6

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

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* Not used in calculating mortality rates

BAY AREA MEDICAL CENTER MARINETTE

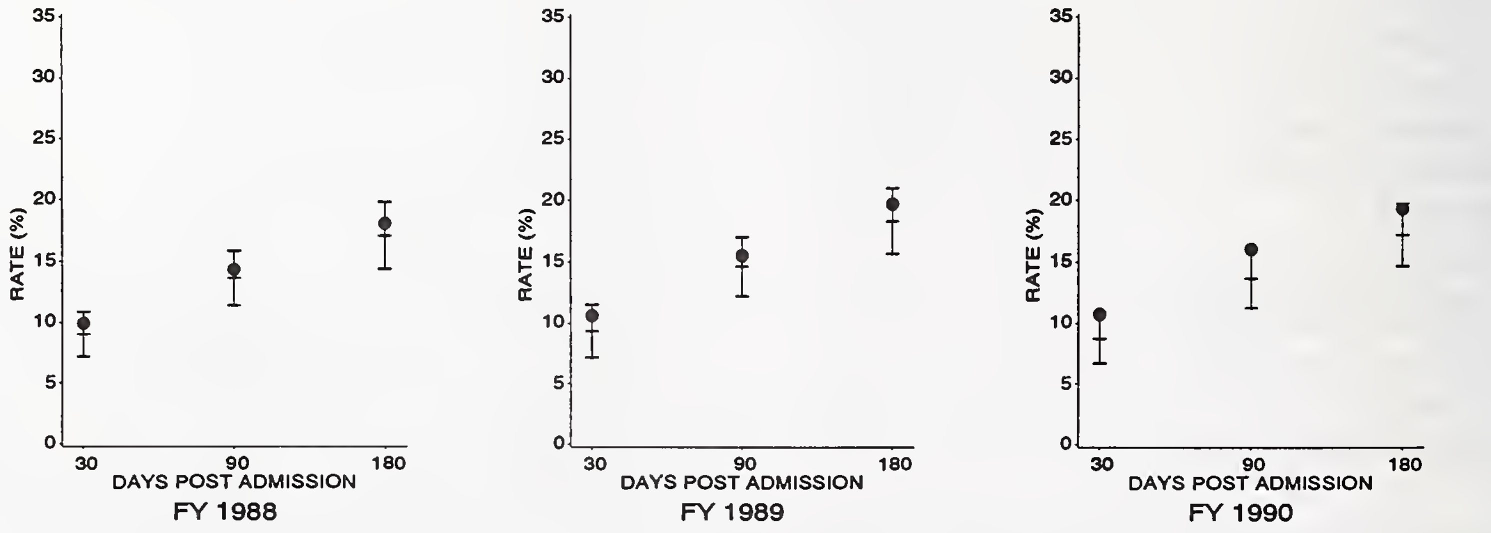
3100 SHORE DRIVE
MARINETTE, WI 54143
Medicare Provider Number: 520113

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	1370	10.7	8.7	1.0	16.0	13.6	1.2	19.3	17.2	1.3
CONDITIONS:										
Acute Myocardial Infarction	23	30.4	23.2	-----	34.8	26.1	-----	43.5	28.6	-----
Congestive Heart Failure	65	15.4	15.1	5.2	20.0	23.6	6.0	24.6	30.0	7.7
Pneumonia/Influenza	63	20.6	15.5	6.1	25.4	21.6	5.7	30.2	25.7	6.1
Chronic Obstructive Pulmonary Disease	12	8.3	9.6	-----	25.0	16.3	-----	25.0	21.5	-----
Transient Cerebral Ischemia	32	0.0	1.8	-----	3.1	3.9	-----	6.3	6.3	-----
Stroke	57	29.8	18.1	8.3	40.4	24.7	9.3	47.4	28.4	9.5
Hip Fracture	52	7.7	6.6	3.5	7.7	11.8	5.3	9.6	15.3	6.3
Sepsis	26	11.5	22.8	-----	23.1	29.7	-----	26.9	34.2	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	5	20.0	1.6	-----	40.0	3.8	-----	40.0	6.3	-----
Carotid Endarterectomy	7	0.0	1.3	-----	0.0	2.2	-----	0.0	3.1	-----
Hip Replacement/Reconstruction	30	3.3	4.0	-----	3.3	7.8	-----	6.7	10.4	-----
Open Reduction of Hip Fracture	13	15.4	7.1	-----	15.4	13.0	-----	15.4	16.6	-----
Prostatectomy	64	3.1	1.1	2.6	4.7	2.6	3.6	6.3	4.3	4.0
Cholecystectomy	29	10.3	3.9	-----	17.2	7.3	-----	17.2	9.6	-----
Hysterectomy	15	0.0	0.1	-----	0.0	0.3	-----	0.0	0.4	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

BAY AREA MEDICAL CENTER MARINETTE
Medicare Provider Number: 520113

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	76.7 years
Proportion female	55.3 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	34.7 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	11.9 %
Admitted for emergency	12.2 %

COMORBIDITIES:

Cancer	6.9 %
Chronic cardiovascular disease	30.9 %
Chronic liver disease	1.5 %
Chronic renal disease	4.1 %
Chronic pulmonary disease	15.2 %
Cerebrovascular degeneration	5.5 %
Diabetes mellitus	8.3 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	60.2%
State	2.6%
Outside State	37.2%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	6.7 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	115
Occupancy Rate	58.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	50.4 %
Case Mix Index (CMI)	1.2024

STAFFING:

Total Number of Physicians	37
Percent of Physicians Board Certified Specialists	78.4 %
Medical Residents/Interns	0
Registered Nurses	92
Licensed Practical Nurses	32

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	Yes
Medicare Swing Beds	No

*** Not used in calculating mortality rates**

BEAVER DAM COMMUNITY HOSPITALS INC

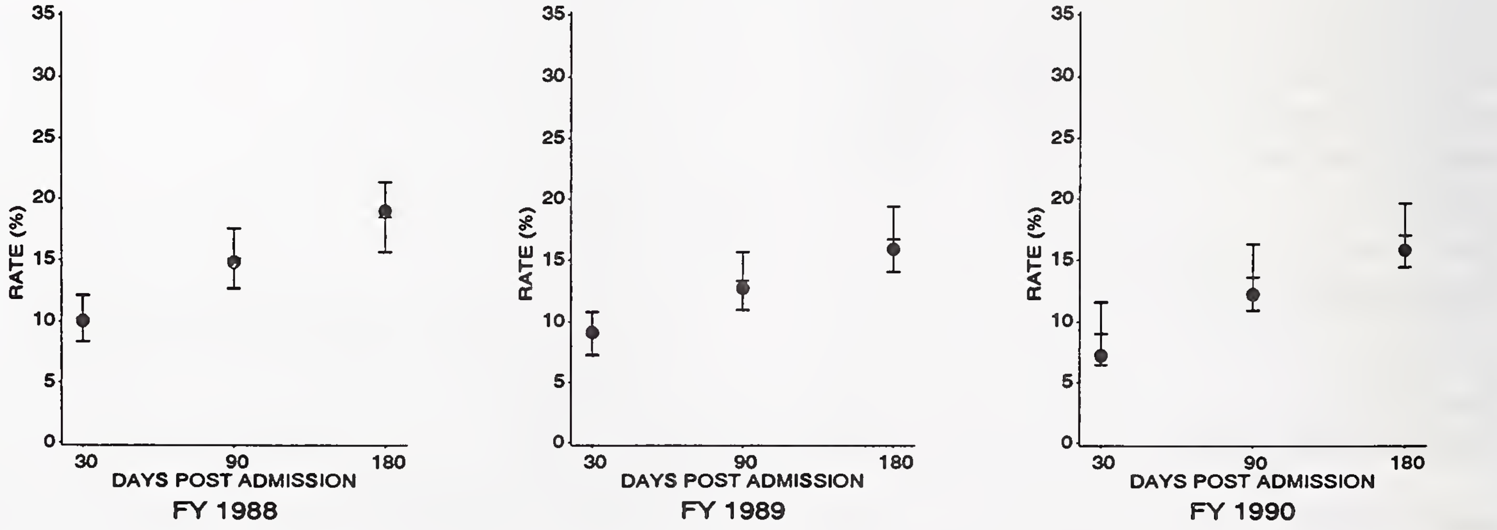
707 S UNIVERSITY AVE
BEAVER DAM, WI 53916
Medicare Provider Number: 520076

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	1032	7.2	9.0	1.3	12.2	13.6	1.4	15.8	17.0	1.3
CONDITIONS:										
Acute Myocardial Infarction	39	25.6	31.3	-----	35.9	34.7	-----	35.9	37.8	-----
Congestive Heart Failure	68	16.2	15.7	4.6	26.5	24.7	5.5	32.4	31.2	6.3
Pneumonia/Influenza	60	6.7	15.6	7.4	10.0	21.8	9.0	18.3	25.9	9.2
Chronic Obstructive Pulmonary Disease	16	0.0	7.2	-----	6.3	12.9	-----	6.3	17.1	-----
Transient Cerebral Ischemia	8	0.0	2.2	-----	12.5	4.9	-----	37.5	7.8	-----
Stroke	37	10.8	18.0	-----	24.3	23.2	-----	32.4	26.7	-----
Hip Fracture	32	3.1	5.8	-----	9.4	10.8	-----	15.6	14.3	-----
Sepsis	12	0.0	18.1	-----	8.3	26.1	-----	16.7	30.4	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	5.4	-----	0.0	11.0	-----	25.0	15.7	-----
Carotid Endarterectomy	3	0.0	0.6	-----	0.0	1.2	-----	0.0	1.9	-----
Hip Replacement/Reconstruction	12	0.0	4.7	-----	0.0	9.5	-----	16.7	13.3	-----
Open Reduction of Hip Fracture	19	5.3	5.4	-----	15.8	10.3	-----	15.8	14.0	-----
Prostatectomy	46	2.2	1.0	-----	2.2	2.5	-----	2.2	4.3	-----
Cholecystectomy	23	0.0	1.5	-----	0.0	2.7	-----	0.0	3.8	-----
Hysterectomy	11	0.0	0.2	-----	0.0	0.5	-----	0.0	0.9	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988 FY 1989 FY 1990

BEAVER DAM COMMUNITY HOSPITALS INC

Medicare Provider Number: 520076

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	76.2 years
Proportion female	51.5 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	37.4 %
Transferred from skilled nursing facility	4.3 %
Admitted for elective procedure	13.2 %
Admitted for emergency	6.8 %

COMORBIDITIES:	
Cancer	6.6 %
Chronic cardiovascular disease	28.2 %
Chronic liver disease	0.6 %
Chronic renal disease	4.4 %
Chronic pulmonary disease	12.2 %
Cerebrovascular degeneration	3.2 %
Diabetes mellitus	5.9 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	83.3%
State	15.2%
Outside State	1.5%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	4.9 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	213
Occupancy Rate	71.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	35.3 %
Case Mix Index (CMI)	1.1901
STAFFING:	
Total Number of Physicians	40
Percent of Physicians Board Certified Specialists	75.0 %
Medical Residents/Interns	0
Registered Nurses	91
Licensed Practical Nurses	20

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	Yes
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

** Except for CMI

* Not used in calculating mortality rates

BELLIN MEMORIAL HOSPITAL

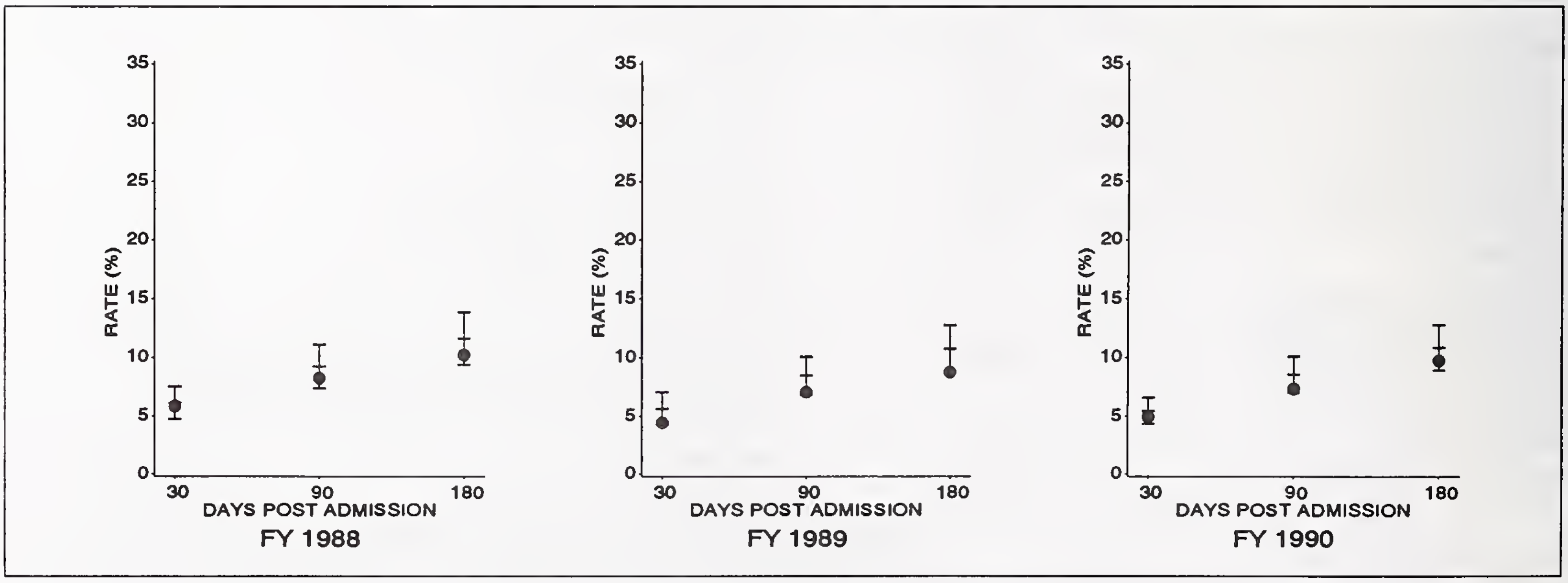
744 SOUTH WEBSTER AVENUE
GREEN BAY, WI 54301
Medicare Provider Number: 520049

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	1892	4.9	5.4	0.6	7.3	8.5	0.8	9.7	10.8	1.0
CONDITIONS:										
Acute Myocardial Infarction	73	20.5	21.5	4.9	21.9	24.0	5.4	23.3	26.4	6.0
Congestive Heart Failure	88	6.8	13.1	5.3	12.5	20.8	7.0	15.9	26.5	7.1
Pneumonia/Influenza	29	20.7	12.4	-----	27.6	17.4	-----	31.0	21.0	-----
Chronic Obstructive Pulmonary Disease	11	9.1	8.2	-----	18.2	13.8	-----	18.2	18.6	-----
Transient Cerebral Ischemia	15	0.0	1.2	-----	0.0	2.6	-----	0.0	4.2	-----
Stroke	42	11.9	18.3	-----	19.0	24.6	-----	21.4	28.2	-----
Hip Fracture	30	6.7	3.7	-----	10.0	6.8	-----	13.3	9.1	-----
Sepsis	7	0.0	21.3	-----	0.0	30.8	-----	0.0	36.4	-----
PROCEDURES:										
Angioplasty	84	2.4	2.2	1.6	2.4	2.9	1.9	2.4	3.7	2.4
Coronary Artery Bypass Graft	125	7.2	5.0	3.2	7.2	7.1	2.7	8.8	8.1	2.6
Initial Pacemaker Insertion	32	0.0	3.0	-----	0.0	6.1	-----	3.1	9.0	-----
Carotid Endarterectomy	12	8.3	1.1	-----	8.3	2.1	-----	8.3	3.2	-----
Hip Replacement/Reconstruction	78	1.3	0.7	1.3	1.3	1.4	1.4	1.3	2.0	1.7
Open Reduction of Hip Fracture	7	0.0	2.7	-----	0.0	5.3	-----	14.3	7.4	-----
Prostatectomy	99	1.0	0.8	0.9	1.0	2.1	2.2	4.0	3.6	2.5
Cholecystectomy	30	3.3	3.5	-----	6.7	6.9	-----	13.3	9.5	-----
Hysterectomy	23	0.0	0.4	-----	0.0	0.9	-----	0.0	1.6	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



BELLIN MEMORIAL HOSPITAL
Medicare Provider Number: 520049

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	72.2 years
Proportion female	47.9 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	93.1 %
Transferred from skilled nursing facility	0.8 %
Admitted for elective procedure	37.5 %
Admitted for emergency	12.9 %

COMORBIDITIES:	
Cancer	5.0 %
Chronic cardiovascular disease	38.5 %
Chronic liver disease	0.5 %
Chronic renal disease	1.8 %
Chronic pulmonary disease	7.8 %
Cerebrovascular degeneration	2.0 %
Diabetes mellitus	5.1 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	48.2%
State	40.7%
Outside State	11.1%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	7.8 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	178
Occupancy Rate	55.0 %
Ownership/Control	Church
Medicare Discharges	31.2 %
Case Mix Index (CMI)	1.7522
STAFFING:	
Total Number of Physicians	253
Percent of Physicians Board Certified Specialists	77.1 %
Medical Residents/Interns	0
Registered Nurses	296
Licensed Practical Nurses	60

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

** Except for CMI

Not used in calculating mortality rates

BELOIT MEMORIAL HOSPITAL INC

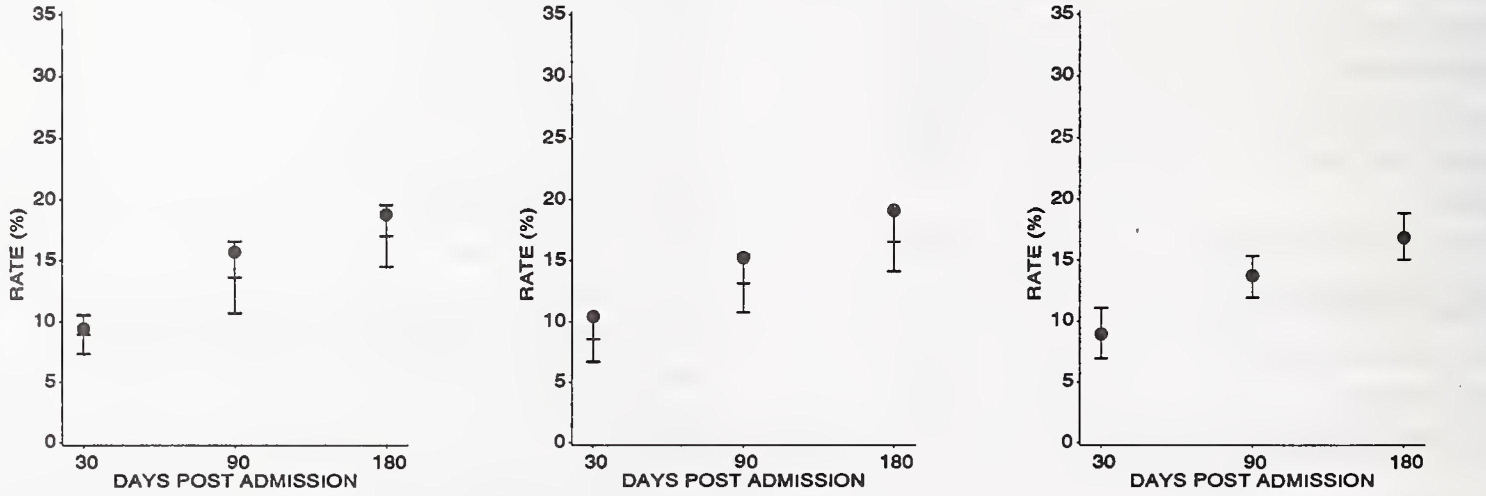
1969 WEST HART ROAD
BELOIT, WI 53511
Medicare Provider Number: 520100

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	1671	8.9	9.0	1.0	13.7	13.6	0.9	16.8	16.9	1.0
CONDITIONS:										
Acute Myocardial Infarction	55	34.5	27.1	6.8	36.4	30.0	7.0	36.4	32.8	6.6
Congestive Heart Failure	87	12.6	14.4	7.3	18.4	22.4	7.3	25.3	28.2	6.2
Pneumonia/Influenza	101	14.9	15.9	3.8	18.8	22.3	5.8	19.8	26.5	7.0
Chronic Obstructive Pulmonary Disease	32	6.3	6.8	-----	12.5	12.5	-----	15.6	16.6	-----
Transient Cerebral Ischemia	28	0.0	1.5	-----	3.6	3.4	-----	7.1	5.7	-----
Stroke	59	13.6	18.0	6.2	25.4	24.1	6.5	28.8	28.1	6.2
Hip Fracture	48	8.3	6.4	-----	14.6	11.2	-----	18.7	14.4	-----
Sepsis	27	22.2	24.8	-----	29.6	32.9	-----	37.0	37.7	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	6	0.0	3.9	-----	16.7	7.4	-----	16.7	10.6	-----
Carotid Endarterectomy	20	0.0	1.2	-----	5.0	2.2	-----	5.0	3.4	-----
Hip Replacement/Reconstruction	27	7.4	4.8	-----	14.8	8.7	-----	18.5	11.3	-----
Open Reduction of Hip Fracture	16	12.5	6.9	-----	12.5	12.1	-----	18.8	15.7	-----
Prostatectomy	33	0.0	0.6	-----	0.0	1.3	-----	0.0	2.3	-----
Cholecystectomy	47	2.1	4.2	-----	4.3	7.0	-----	6.4	8.6	-----
Hysterectomy	6	0.0	0.4	-----	0.0	0.9	-----	0.0	1.5	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

BELOIT MEMORIAL HOSPITAL INC
Medicare Provider Number: 520100

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	75.0 years
Proportion female	55.9 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	39.2 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	18.0 %
Admitted for emergency	0.7 %

COMORBIDITIES:	
Cancer	6.0 %
Chronic cardiovascular disease	43.4 %
Chronic liver disease	1.7 %
Chronic renal disease	3.5 %
Chronic pulmonary disease	18.5 %
Cerebrovascular degeneration	3.8 %
Diabetes mellitus	8.1 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	83.1%
State	3.7%
Outside State	13.2%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	7.9 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1989

PROFILE:	
Total Beds	190
Occupancy Rate	53.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	38.1 %
Case Mix Index (CMI)	1.2314
STAFFING:	
Total Number of Physicians	70
Percent of Physicians Board Certified Specialists	65.7 %
Medical Residents/Interns	0
Registered Nurses	155
Licensed Practical Nurses	27

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

** Except for CMI

* Not used in calculating mortality rates

BERLIN MEMORIAL HOSPITAL

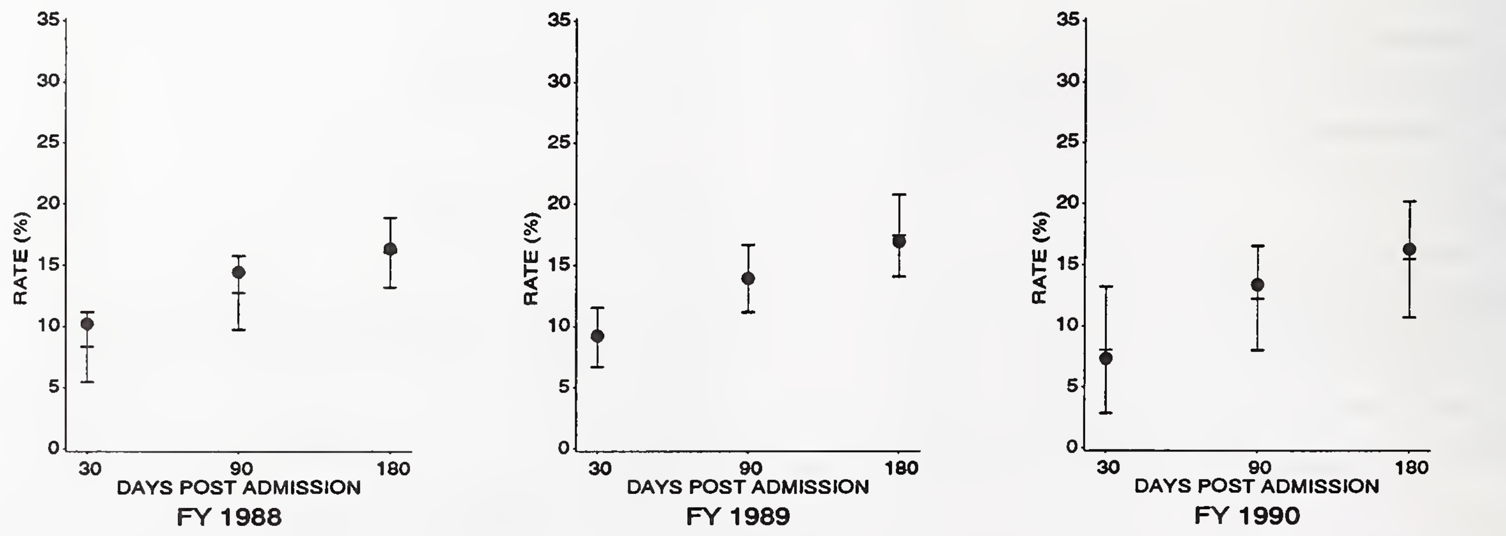
225 MEMORIAL DRIVE
BERLIN, WI 54923
Medicare Provider Number: 520060

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD*	90 DAYS OBS	PRED	SD*	180 DAYS OBS	PRED	SD*
ALL CAUSES	743	7.3	8.0	2.6	13.3	12.2	2.1	16.2	15.4	2.4
CONDITIONS:										
Acute Myocardial Infarction	19	15.8	23.8	-----	26.3	26.8	-----	26.3	29.8	-----
Congestive Heart Failure	26	19.2	13.1	-----	38.5	20.7	-----	50.0	26.6	-----
Pneumonia/Influenza	46	10.9	14.0	-----	23.9	19.9	-----	30.4	23.7	-----
Chronic Obstructive Pulmonary Disease	10	10.0	5.1	-----	10.0	9.5	-----	20.0	13.2	-----
Transient Cerebral Ischemia	4	0.0	1.2	-----	0.0	2.9	-----	25.0	5.1	-----
Stroke	23	17.4	18.0	-----	21.7	24.9	-----	26.1	29.2	-----
Hip Fracture	32	3.1	6.5	-----	6.3	11.1	-----	9.4	14.5	-----
Sepsis	16	18.8	14.0	-----	18.8	20.0	-----	18.8	23.6	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	27	0.0	3.6	-----	3.7	6.0	-----	3.7	7.8	-----
Open Reduction of Hip Fracture	4	0.0	5.0	-----	0.0	9.2	-----	0.0	13.0	-----
Prostatectomy	37	2.7	1.0	-----	5.4	2.4	-----	5.4	4.2	-----
Cholecystectomy	12	0.0	2.5	-----	0.0	5.0	-----	0.0	7.3	-----
Hysterectomy	6	0.0	0.3	-----	0.0	0.7	-----	0.0	1.2	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



BERLIN MEMORIAL HOSPITAL
Medicare Provider Number: 520060

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	76.0 years
Proportion female	54.0 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	37.8 %
Transferred from skilled nursing facility	1.2 %
Admitted for elective procedure	24.2 %
Admitted for emergency	1.7 %

COMORBIDITIES:	
Cancer	7.0 %
Chronic cardiovascular disease	27.7 %
Chronic liver disease	0.8 %
Chronic renal disease	2.7 %
Chronic pulmonary disease	9.3 %
Cerebrovascular degeneration	4.8 %
Diabetes mellitus	9.7 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	47.4%
State	49.6%
Outside State	3.0%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	5.9 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	163
Occupancy Rate	73.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	47.7 %
Case Mix Index (CMI)	1.2179
STAFFING:	
Total Number of Physicians	23
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/interns	0
Registered Nurses	60
Licensed Practical Nurses	3

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

** Except for CMI

* Not used in calculating mortality rates

BLACK RIVER FALLS MEMORIAL HOSPITAL

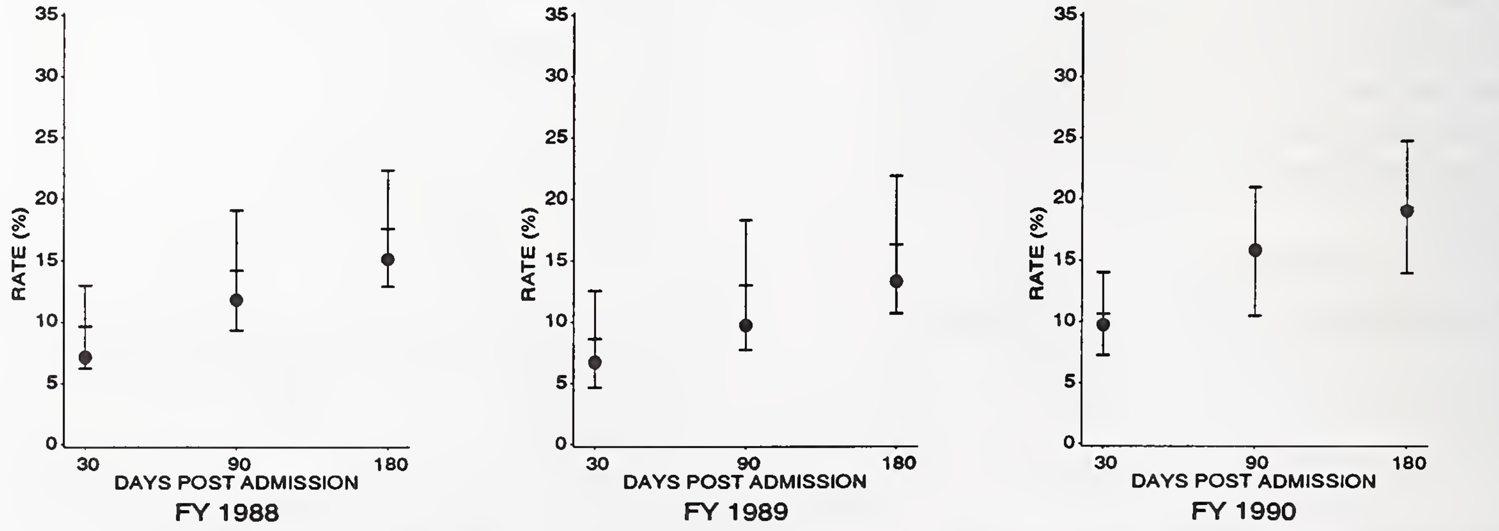
711 WEST ADAMS STREET
BLACK RIVER FALLS, WI 54615
Medicare Provider Number: 520151

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	411	9.7	10.6	1.7	15.8	15.7	2.6	19.0	19.3	2.7
CONDITIONS:										
Acute Myocardial Infarction	18	11.1	29.1	-----	11.1	32.9	-----	22.2	36.2	-----
Congestive Heart Failure	23	17.4	13.7	-----	26.1	22.0	-----	30.4	28.0	-----
Pneumonia/Influenza	38	18.4	12.9	-----	21.1	17.6	-----	23.7	20.9	-----
Chronic Obstructive Pulmonary Disease	16	6.3	10.6	-----	25.0	17.8	-----	31.3	22.7	-----
Transient Cerebral Ischemia	0									
Stroke	16	12.5	19.5	-----	31.3	28.6	-----	43.8	33.9	-----
Hip Fracture	3	0.0	3.1	-----	0.0	6.2	-----	0.0	8.7	-----
Sepsis	8	37.5	34.0	-----	50.0	42.0	-----	50.0	46.2	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	1	0.0	3.4	-----	0.0	6.8	-----	0.0	9.0	-----
Prostatectomy	7	0.0	1.0	-----	0.0	2.0	-----	0.0	3.2	-----
Cholecystectomy	8	0.0	1.8	-----	0.0	3.7	-----	0.0	5.2	-----
Hysterectomy	4	0.0	0.1	-----	0.0	0.3	-----	0.0	0.4	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988 FY 1989 FY 1990

BLACK RIVER FALLS MEMORIAL HOSPITAL

Medicare Provider Number: 520151

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	76.6 years
Proportion female	52.8 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	26.0 %
Transferred from skilled nursing facility	1.2 %
Admitted for elective procedure	10.7 %
Admitted for emergency	0.2 %

COMORBIDITIES:

Cancer	6.6 %
Chronic cardiovascular disease	31.9 %
Chronic liver disease	0.5 %
Chronic renal disease	1.5 %
Chronic pulmonary disease	16.3 %
Cerebrovascular degeneration	7.5 %
Diabetes mellitus	8.0 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	85.0%
State	13.7%
Outside State	1.3%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	5.7 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	51
Occupancy Rate	35.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	45.9 %
Case Mix Index (CMI)	1.0788

STAFFING:

Total Number of Physicians	12
Percent of Physicians Board Certified Specialists	100.0 %
Medical Residents/Interns	0
Registered Nurses	21
Licensed Practical Nurses	4

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

*** Not used in calculating mortality rates**

BLOOMER COMMUNITY MEMORIAL HOSPITAL

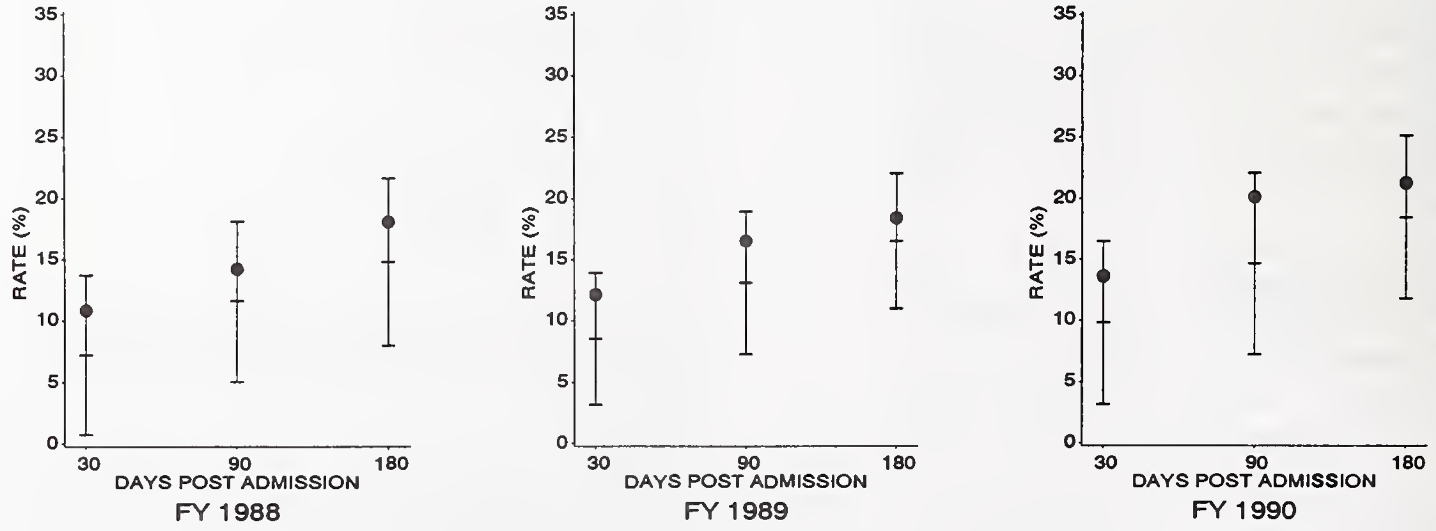
1501 THOMPSON STREET
BLOOMER, WI 54724
Medicare Provider Number: 520153

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD*	90 DAYS OBS	PRED	SD*	180 DAYS OBS	PRED	SD*
ALL CAUSES	184	13.6	9.8	3.3	20.1	14.6	3.7	21.2	18.4	3.3
CONDITIONS:										
Acute Myocardial Infarction	19	36.8	25.0	-----	42.1	28.3	-----	42.1	31.4	-----
Congestive Heart Failure	21	23.8	15.3	-----	38.1	24.2	-----	38.1	31.4	-----
Pneumonia/Influenza	10	20.0	13.6	-----	30.0	19.2	-----	30.0	22.7	-----
Chronic Obstructive Pulmonary Disease	1	0.0	6.4	-----	0.0	9.9	-----	0.0	13.8	-----
Transient Cerebral Ischemia	1	0.0	1.2	-----	0.0	3.2	-----	0.0	5.8	-----
Stroke	10	20.0	15.6	-----	20.0	21.8	-----	20.0	25.6	-----
Hip Fracture	4	0.0	5.3	-----	25.0	10.5	-----	25.0	14.3	-----
Sepsis	2	50.0	9.9	-----	50.0	15.2	-----	50.0	19.2	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	5.5	-----	0.0	10.6	-----	0.0	13.9	-----
Open Reduction of Hip Fracture	1	0.0	5.6	-----	100.0	12.8	-----	100.0	19.5	-----
Prostatectomy	1	0.0	0.5	-----	0.0	1.4	-----	0.0	2.5	-----
Cholecystectomy	7	0.0	3.1	-----	0.0	5.9	-----	0.0	7.6	-----
Hysterectomy	2	0.0	0.0	-----	0.0	0.1	-----	0.0	0.2	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



BLOOMER COMMUNITY MEMORIAL HOSPITAL
Medicare Provider Number: 520153

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	78.0 years
Proportion female	62.5 %

ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	97.3 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	4.3 %
Admitted for emergency	5.4 %

COMORBIDITIES:	
Cancer	5.4 %
Chronic cardiovascular disease	39.1 %
Chronic liver disease	1.1 %
Chronic renal disease	1.1 %
Chronic pulmonary disease	16.3 %
Cerebrovascular degeneration	12.5 %
Diabetes mellitus	6.5 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	77.8%
State	18.8%
Outside State	3.4%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	6.0 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	78
Occupancy Rate	67.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	(Not Available)
Case Mix Index (CMI)	1.1186

STAFFING:	
Total Number of Physicians	5
Percent of Physicians Board Certified Specialists	100.0 %
Medical Residents/Interns	0
Registered Nurses	12
Licensed Practical Nurses	3

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

** Except for CMI

*** Not used in calculating mortality rates**

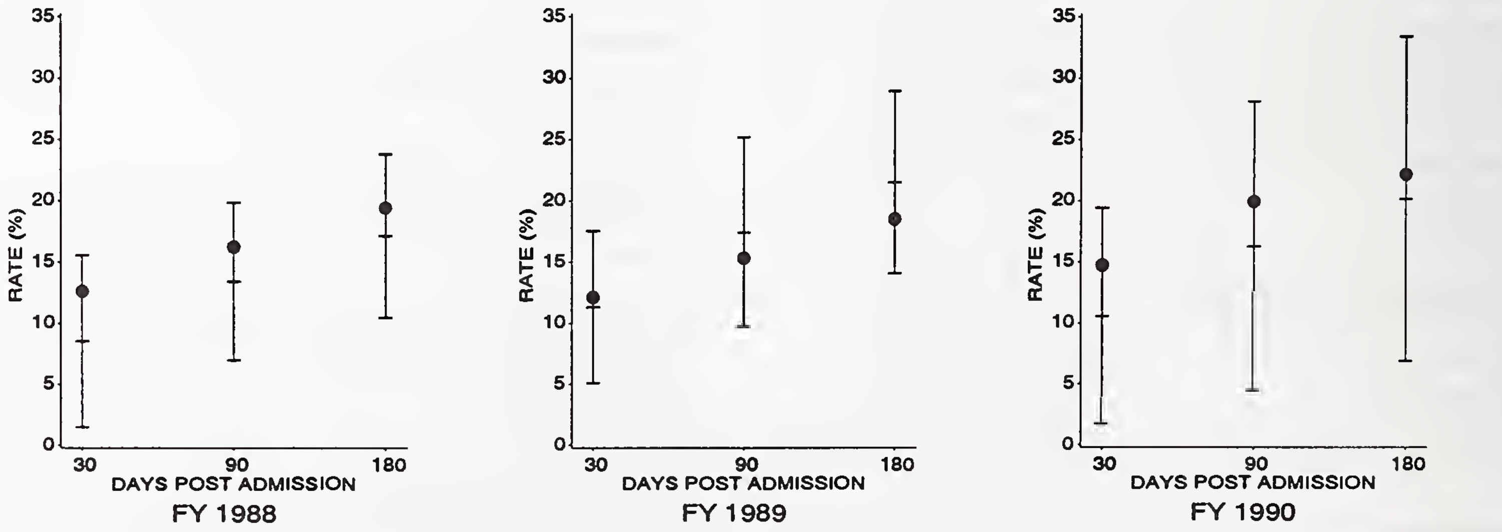
BURNETT GENERAL HOSPITAL INC
257 WEST ST GEORGE AVENUE
GRANTSBURG, WI 54840
Medicare Provider Number: 520130

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

		MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
CATEGORY	NUMBER OF CASES	OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	136	14.7	10.5	4.5	19.9	16.2	5.9	22.1	20.1	6.6
CONDITIONS:										
Acute Myocardial Infarction	2	0.0	38.2	-----	50.0	40.7	-----	50.0	42.7	-----
Congestive Heart Failure	10	10.0	15.3	-----	10.0	23.8	-----	10.0	29.5	-----
Pneumonia/Influenza	13	30.8	17.7	-----	46.2	24.5	-----	53.8	29.6	-----
Chronic Obstructive Pulmonary Disease	3	0.0	4.2	-----	0.0	8.3	-----	0.0	12.0	-----
Transient Cerebral Ischemia	5	0.0	2.1	-----	0.0	4.7	-----	0.0	7.5	-----
Stroke	5	80.0	26.3	-----	80.0	34.4	-----	80.0	39.2	-----
Hip Fracture	0									
Sepsis	1	0.0	28.4	-----	0.0	36.0	-----	0.0	38.9	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	4	0.0	0.3	-----	0.0	0.7	-----	0.0	1.3	-----
Cholecystectomy	6	16.7	5.3	-----	16.7	9.6	-----	16.7	11.9	-----
Hysterectomy	1	0.0	0.0	-----	0.0	0.1	-----	0.0	0.2	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



BURNETT GENERAL HOSPITAL INC

Medicare Provider Number: 520130

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	77.6 years
Proportion female	55.9 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	17.6 %
Transferred from skilled nursing facility	2.9 %
Admitted for elective procedure	6.6 %
Admitted for emergency	0.7 %

COMORBIDITIES:	
Cancer	9.6 %
Chronic cardiovascular disease	46.3 %
Chronic liver disease	0.7 %
Chronic renal disease	2.2 %
Chronic pulmonary disease	19.9 %
Cerebrovascular degeneration	3.7 %
Diabetes mellitus	6.6 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	85.0%
State	8.8%
Outside State	6.2%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	6.0 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	83
Occupancy Rate	71.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	46.5 %
Case Mix Index (CMI)	1.0017
STAFFING:	
Total Number of Physicians	2
Percent of Physicians Board Certified Specialists	100.0 %
Medical Residents/Interns	0
Registered Nurses	9
Licensed Practical Nurses	6

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

** Except for CMI

* Not used in calculating mortality rates

CALUMET MEDICAL CENTER

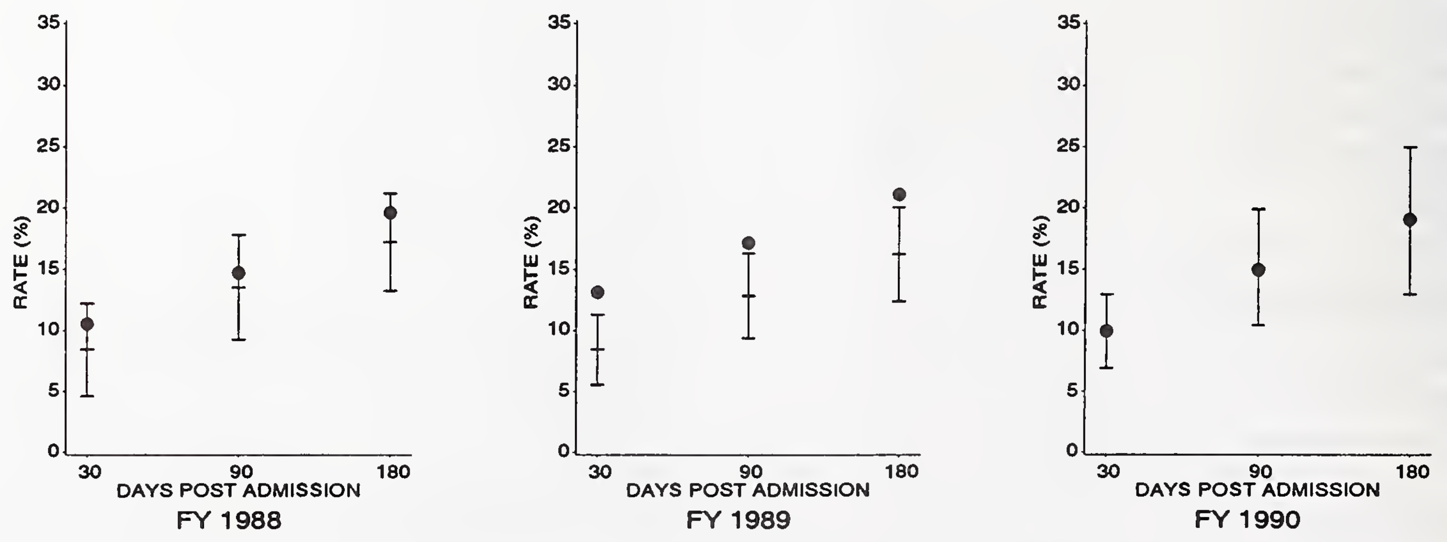
614 MEMORIAL DRIVE
CHILTON, WI 53014
Medicare Provider Number: 520115

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	395	9.9	9.9	1.5	14.9	15.1	2.4	19.0	18.9	3.0
CONDITIONS:										
Acute Myocardial Infarction	18	44.4	24.6	-----	55.6	28.2	-----	55.6	31.1	-----
Congestive Heart Failure	28	17.9	14.9	-----	32.1	23.5	-----	35.7	29.7	-----
Pneumonia/Influenza	15	26.7	13.6	-----	26.7	19.2	-----	26.7	23.4	-----
Chronic Obstructive Pulmonary Disease	9	0.0	9.8	-----	22.2	16.7	-----	44.4	22.4	-----
Transient Cerebral Ischemia	5	0.0	2.2	-----	0.0	4.9	-----	0.0	8.2	-----
Stroke	20	15.0	16.1	-----	15.0	23.3	-----	15.0	27.3	-----
Hip Fracture	8	12.5	8.0	-----	12.5	14.3	-----	12.5	18.3	-----
Sepsis	7	28.6	31.7	-----	42.9	38.6	-----	71.4	43.8	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	13	0.0	2.0	-----	0.0	3.6	-----	0.0	4.9	-----
Open Reduction of Hip Fracture	3	0.0	8.6	-----	0.0	15.6	-----	0.0	19.3	-----
Prostatectomy	7	0.0	0.9	-----	0.0	2.0	-----	0.0	3.3	-----
Cholecystectomy	11	0.0	1.7	-----	9.1	2.7	-----	9.1	3.4	-----
Hysterectomy	3	0.0	0.4	-----	0.0	1.0	-----	0.0	1.6	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



CALUMET MEDICAL CENTER

Medicare Provider Number: 520115

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	76.9 years
Proportion female	56.2 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	69.4 %
Transferred from skilled nursing facility	2.3 %
Admitted for elective procedure	17.0 %
Admitted for emergency	0.0 %

COMORBIDITIES:	
Cancer	8.1 %
Chronic cardiovascular disease	39.0 %
Chronic liver disease	1.3 %
Chronic renal disease	2.0 %
Chronic pulmonary disease	18.0 %
Cerebrovascular degeneration	2.8 %
Diabetes mellitus	8.4 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	76.1%
State	23.6%
Outside State	0.3%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	5.9 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	53
Occupancy Rate	30.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	51.6 %
Case Mix Index (CMI)	1.3174
STAFFING:	
Total Number of Physicians	10
Percent of Physicians Board Certified Specialists	60.0 %
Medical Residents/Interns	0
Registered Nurses	27
Licensed Practical Nurses	12

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

** Except for CMI

* Not used in calculating mortality rates

CHIPPEWA VALLEY HOSPITAL

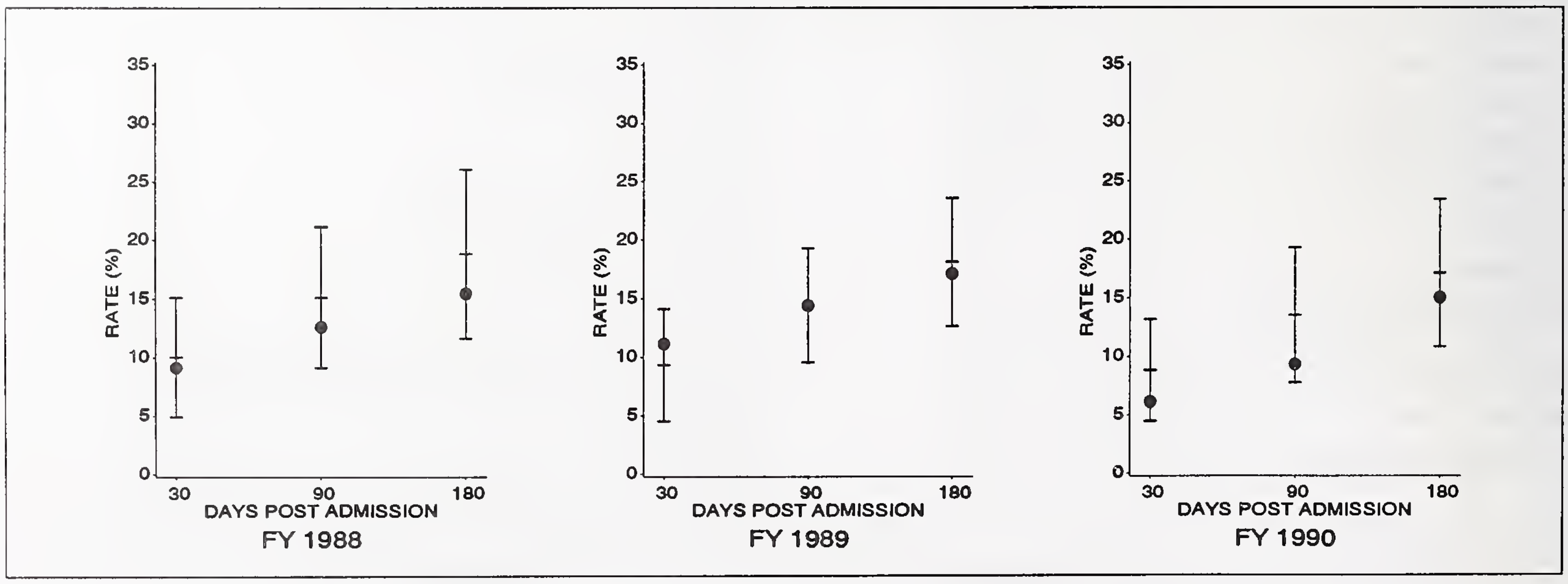
1620 THIRD AVE WEST
DURAND, WI 54736
Medicare Provider Number: 520171

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	247	6.1	8.8	2.2	9.3	13.5	2.9	15.0	17.1	3.2
CONDITIONS:										
Acute Myocardial Infarction	7	14.3	30.1	-----	14.3	33.4	-----	14.3	36.9	-----
Congestive Heart Failure	19	10.5	15.0	-----	26.3	23.7	-----	36.8	30.4	-----
Pneumonia/Influenza	20	15.0	15.0	-----	20.0	20.6	-----	30.0	24.4	-----
Chronic Obstructive Pulmonary Disease	1	0.0	17.3	-----	0.0	34.4	-----	100.0	45.7	-----
Transient Cerebral Ischemia	6	0.0	2.5	-----	0.0	5.5	-----	0.0	8.9	-----
Stroke	17	17.6	22.2	-----	17.6	31.3	-----	35.3	36.2	-----
Hip Fracture	8	12.5	6.0	-----	12.5	11.2	-----	12.5	14.8	-----
Sepsis	1	100.0	21.2	-----	100.0	37.3	-----	100.0	46.4	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	25.0	6.7	-----	25.0	13.4	-----	25.0	18.2	-----
Open Reduction of Hip Fracture	3	33.3	5.4	-----	33.3	10.1	-----	33.3	13.8	-----
Prostatectomy	1	0.0	0.7	-----	0.0	1.9	-----	0.0	3.5	-----
Cholecystectomy	3	0.0	4.4	-----	0.0	11.1	-----	0.0	17.6	-----
Hysterectomy	3	0.0	0.1	-----	0.0	0.1	-----	0.0	0.2	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



CHIPPEWA VALLEY HOSPITAL

Medicare Provider Number: 520171

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:		COMORBIDITIES:	
Average age at admission	78.5 years	Cancer	5.7 %
Proportion female	59.5 %	Chronic cardiovascular disease	40.5 %
ADMISSION SOURCES/TYPES:		Chronic liver disease	0.4 %
Referred by personal or HMO physician	60.7 %	Chronic renal disease	2.0 %
Transferred from skilled nursing facility	2.0 %	Chronic pulmonary disease	12.1 %
Admitted for elective procedure	0.0 %	Cerebrovascular degeneration	4.5 %
Admitted for emergency	0.0 %	Diabetes mellitus	14.6 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:		MEDICARE AVERAGE LENGTH OF STAY:	
County/City	63.6%	Hospital	5.0 Days
State	35.4%	State	7.4 Days
Outside State	1.0%	National	8.6 Days
Total	100.0%		

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1989

PROFILE:		SPECIALTY SERVICES:	
Total Beds	90	Burn Unit	No
Occupancy Rate	80.0 %	Cardiac Intensive Care	No
Ownership/Control	Church	Comprehensive Geriatric	No
Medicare Discharges	43.2 %	Hospice Care	No
Case Mix Index (CMI)	0.9805	Medical/Surgical Intensive Care	No
STAFFING:		Organ/Tissue Transplant	No
Total Number of Physicians	25	Other Intensive Care	No
Percent of Physicians Board Certified Specialists	88.0 %	Trauma Center	No
		OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Medical Residents/Interns	0	Alcohol/Drug	No
Registered Nurses	7	Rehabilitation	No
Licensed Practical Nurses	7	Psychiatric	No
		Medicare Swing Beds	Yes

** Except for CMI

* Not used in calculating mortality rates

CLINTONVILLE COMMUNITY HOSPITAL

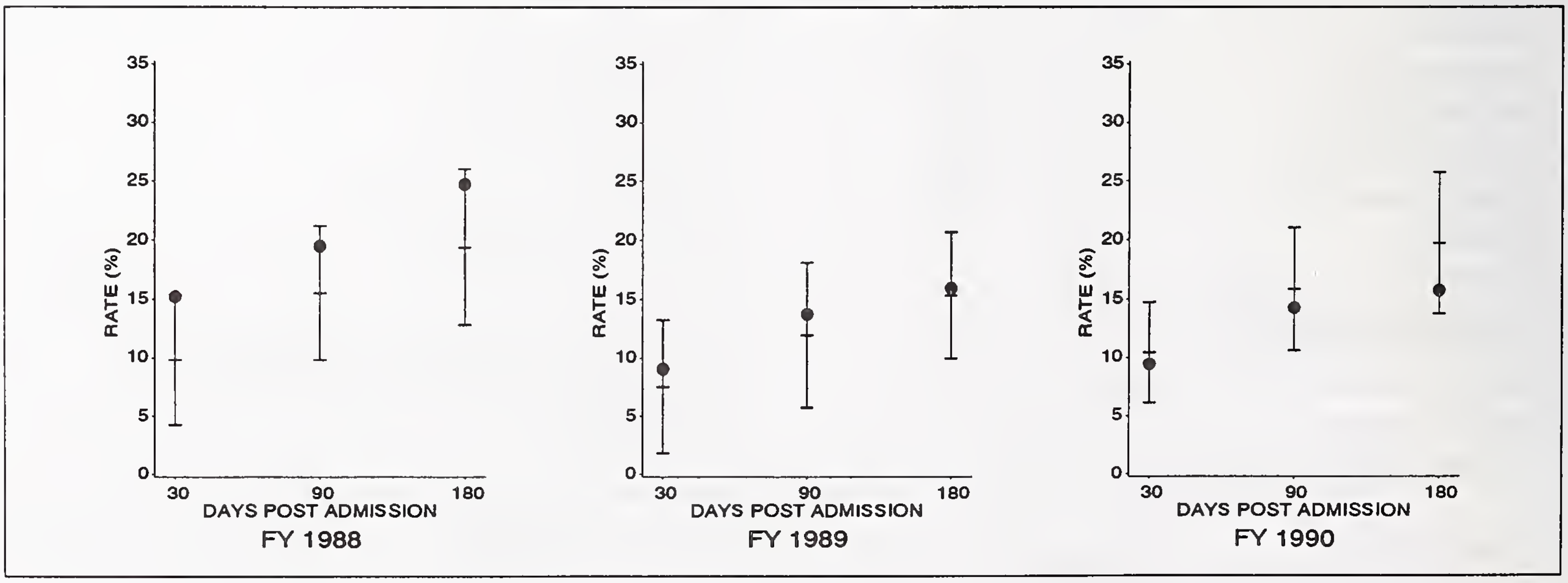
35 N ANNE STREET
CLINTONVILLE, WI 54929
Medicare Provider Number: 520012

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD*	90 DAYS OBS	PRED	SD*	180 DAYS OBS	PRED	SD*
ALL CAUSES	254	9.4	10.4	2.2	14.2	15.8	2.6	15.7	19.7	3.0
CONDITIONS:										
Acute Myocardial Infarction	9	33.3	34.8	-----	33.3	37.5	-----	44.4	41.2	-----
Congestive Heart Failure	17	5.9	13.7	-----	11.8	22.3	-----	17.6	28.4	-----
Pneumonia/Influenza	20	15.0	19.4	-----	25.0	26.7	-----	30.0	31.3	-----
Chronic Obstructive Pulmonary Disease	7	14.3	6.6	-----	14.3	12.6	-----	14.3	17.6	-----
Transient Cerebral Ischemia	5	0.0	1.3	-----	0.0	3.0	-----	0.0	5.2	-----
Stroke	14	28.6	21.8	-----	50.0	29.6	-----	50.0	34.3	-----
Hip Fracture	1	0.0	8.3	-----	0.0	13.8	-----	0.0	17.3	-----
Sepsis	1	0.0	23.1	-----	0.0	34.7	-----	0.0	38.5	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	6	0.0	0.4	-----	0.0	0.8	-----	0.0	1.5	-----
Cholecystectomy	3	0.0	1.1	-----	0.0	2.0	-----	0.0	2.9	-----
Hysterectomy	0									

* The Standard Deviation (SD) is not calculated if the number of deaths or cases Is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



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CLINTONVILLE COMMUNITY HOSPITAL

Medicare Provider Number: 520012

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	77.5 years
Proportion female	57.5 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	26.0 %
Transferred from skilled nursing facility	10.6 %
Admitted for elective procedure	0.0 %
Admitted for emergency	5.9 %

COMORBIDITIES:	
Cancer	9.1 %
Chronic cardiovascular disease	32.3 %
Chronic liver disease	0.0 %
Chronic renal disease	1.2 %
Chronic pulmonary disease	7.9 %
Cerebrovascular degeneration	4.3 %
Diabetes mellitus	5.9 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	83.7%
State	14.2%
Outside State	2.1%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	5.9 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	23
Occupancy Rate	47.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	47.6 %
Case Mix Index (CMI)	0.9339
STAFFING:	
Total Number of Physicians	4
Percent of Physicians Board Certified Specialists	100.0 %
Medical Residents/Interns	0
Registered Nurses	26
Licensed Practical Nurses	6

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

** Except for CMI

*** Not used in calculating mortality rates**

COLUMBIA HOSPITAL INC

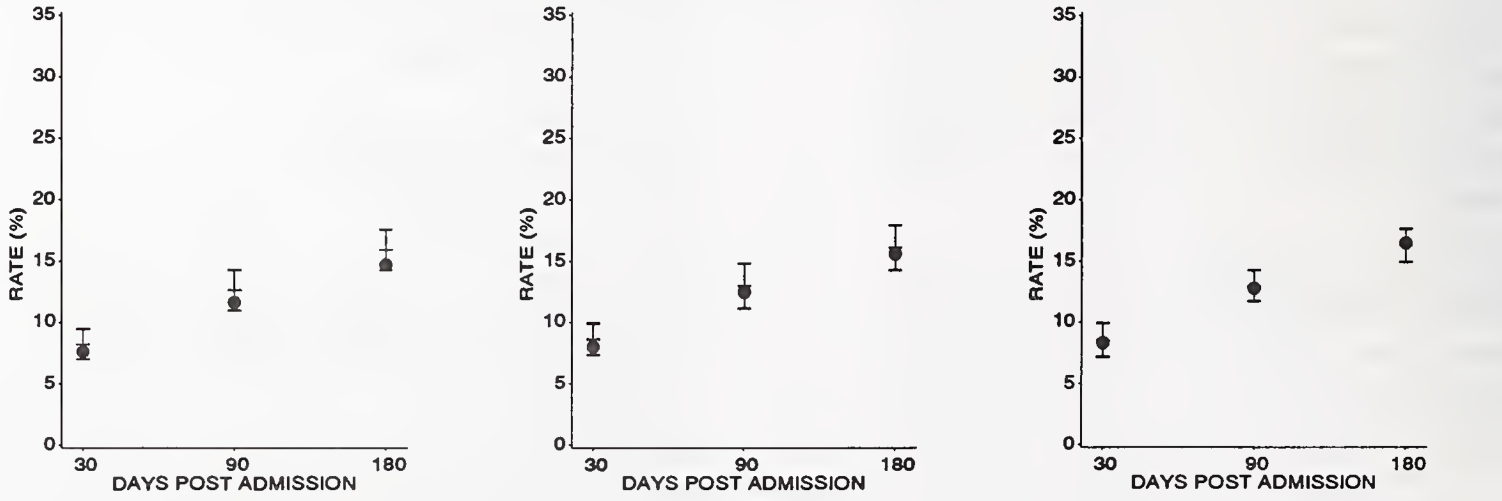
2025 EAST NEWPORT AVENUE
MILWAUKEE, WI 53211
Medicare Provider Number: 520140

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

		MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
CATEGORY	NUMBER OF CASES	OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	3062	8.3	8.5	0.7	12.7	12.9	0.6	16.4	16.2	0.7
CONDITIONS:										
Acute Myocardial Infarction	80	30.0	28.4	6.0	35.0	32.2	5.7	36.2	35.2	5.5
Congestive Heart Failure	125	12.0	15.0	4.1	24.8	23.5	4.4	31.2	29.8	4.4
Pneumonia/Influenza	101	24.8	15.8	5.9	28.7	21.7	5.8	34.7	25.6	6.0
Chronic Obstructive Pulmonary Disease	22	9.1	8.4	-----	9.1	14.6	-----	22.7	19.1	-----
Transient Cerebral Ischemia	24	0.0	1.7	-----	0.0	4.1	-----	8.3	7.2	-----
Stroke	108	20.4	22.0	4.2	25.0	28.5	5.7	27.8	32.4	6.2
Hip Fracture	113	8.0	7.2	3.1	10.6	12.8	5.1	15.0	16.7	6.4
Sepsis	36	19.4	25.7	-----	22.2	32.5	-----	33.3	37.0	-----
PROCEDURES:										
Angioplasty	43	2.3	3.7	-----	4.7	4.8	-----	4.7	5.9	-----
Coronary Artery Bypass Graft	47	8.5	5.7	-----	14.9	8.0	-----	17.0	8.9	-----
Initial Pacemaker Insertion	23	0.0	3.3	-----	4.3	7.1	-----	17.4	10.7	-----
Carotid Endarterectomy	4	0.0	0.8	-----	0.0	1.5	-----	0.0	2.2	-----
Hip Replacement/Reconstruction	150	5.3	2.7	2.7	7.3	4.8	3.4	8.7	6.4	3.5
Open Reduction of Hip Fracture	45	2.2	5.7	-----	4.4	10.6	-----	11.1	14.3	-----
Prostatectomy	107	0.0	0.9	1.3	1.9	2.1	2.1	2.8	3.5	2.7
Cholecystectomy	67	1.5	3.2	3.2	4.5	5.9	4.6	7.5	7.8	5.3
Hysterectomy	40	2.5	0.3	-----	2.5	0.7	-----	2.5	1.2	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

COLUMBIA HOSPITAL INC

Medicare Provider Number: 520140

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	75.9 years
Proportion female	62.5 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	57.8 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	35.0 %
Admitted for emergency	44.5 %

COMORBIDITIES:	
Cancer	8.4 %
Chronic cardiovascular disease	30.3 %
Chronic liver disease	1.1 %
Chronic renal disease	1.4 %
Chronic pulmonary disease	9.9 %
Cerebrovascular degeneration	5.5 %
Diabetes mellitus	6.7 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	77.9%
State	19.1%
Outside State	3.0%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	8.1 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1989

PROFILE:	
Total Beds	354
Occupancy Rate	65.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	42.2 %
Case Mix Index (CMI)	1.3431
STAFFING:	
Total Number of Physicians	232
Percent of Physicians Board Certified Specialists	84.9 %
Medical Residents/Interns	0
Registered Nurses	273
Licensed Practical Nurses	0

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	Yes
Rehabilitation	Yes
Psychiatric	Yes
Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

COLUMBUS COMMUNITY HOSPITAL

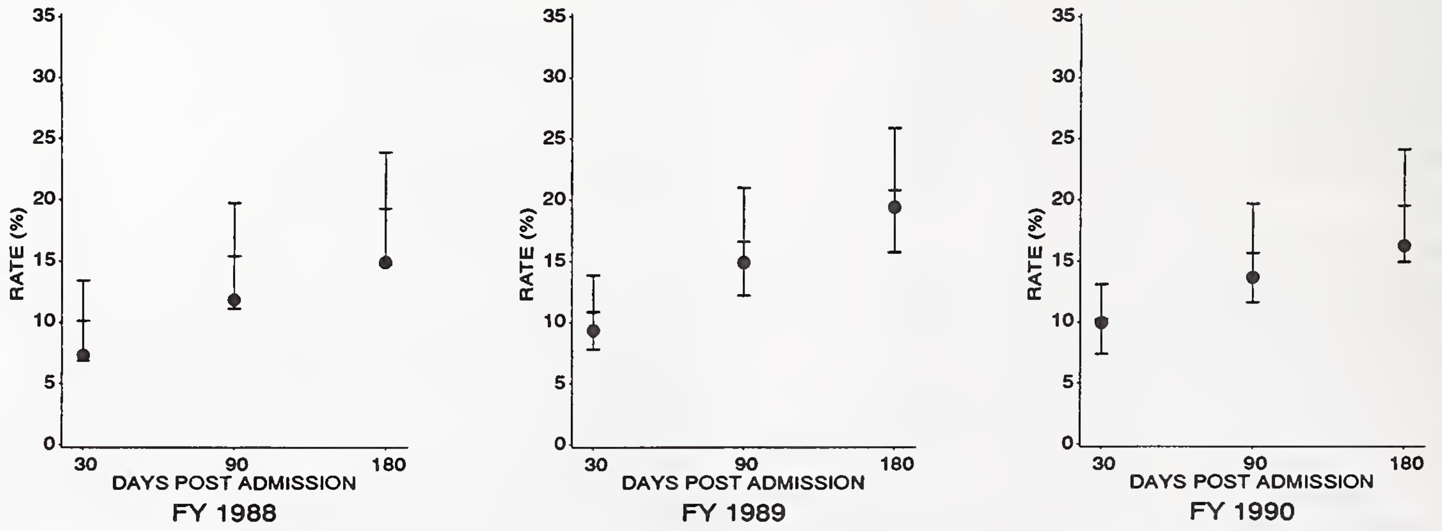
1515 PARK AVENUE
COLUMBUS, WI 53925
Medicare Provider Number: 520084

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	487	9.9	10.2	1.4	13.6	15.6	2.0	16.2	19.5	2.3
CONDITIONS:										
Acute Myocardial Infarction	13	23.1	37.0	-----	30.8	42.3	-----	38.5	45.6	-----
Congestive Heart Failure	29	10.3	16.7	-----	20.7	26.4	-----	24.1	32.7	-----
Pneumonia/Influenza	52	13.5	17.1	7.7	17.3	23.3	8.1	21.2	27.5	8.2
Chronic Obstructive Pulmonary Disease	13	7.7	6.9	-----	23.1	14.0	-----	23.1	20.2	-----
Transient Cerebral Ischemia	6	0.0	2.0	-----	16.7	4.6	-----	16.7	7.7	-----
Stroke	16	6.3	18.1	-----	12.5	25.5	-----	12.5	30.0	-----
Hip Fracture	16	18.8	6.4	-----	18.8	11.7	-----	18.8	15.4	-----
Sepsis	9	0.0	33.9	-----	0.0	42.3	-----	0.0	47.3	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	10	0.0	4.3	-----	0.0	8.1	-----	0.0	10.8	-----
Open Reduction of Hip Fracture	6	16.7	5.1	-----	16.7	9.6	-----	16.7	13.1	-----
Prostatectomy	13	0.0	0.5	-----	0.0	1.2	-----	0.0	2.1	-----
Cholecystectomy	7	0.0	5.9	-----	14.3	10.7	-----	14.3	13.9	-----
Hysterectomy	5	0.0	0.5	-----	0.0	1.1	-----	0.0	2.0	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

COLUMBUS COMMUNITY HOSPITAL

Medicare Provider Number: 520084

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	78.9 years
Proportion female	59.1 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	42.9 %
Transferred from skilled nursing facility	18.3 %
Admitted for elective procedure	11.5 %
Admitted for emergency	0.0 %

COMORBIDITIES:

Cancer	6.4 %
Chronic cardiovascular disease	28.3 %
Chronic liver disease	0.4 %
Chronic renal disease	1.4 %
Chronic pulmonary disease	13.6 %
Cerebrovascular degeneration	3.5 %
Diabetes mellitus	6.4 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	68.2%
State	30.1%
Outside State	1.7%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	6.1 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	53
Occupancy Rate	45.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	54.7 %
Case Mix Index (CMI)	1.0592

STAFFING:

Total Number of Physicians	14
Percent of Physicians Board Certified Specialists	85.7 %
Medical Residents/Interns	0
Registered Nurses	41
Licensed Practical Nurses	10

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

*** Not used in calculating mortality rates**

COMMUNITY MEMORIAL HOSPITAL

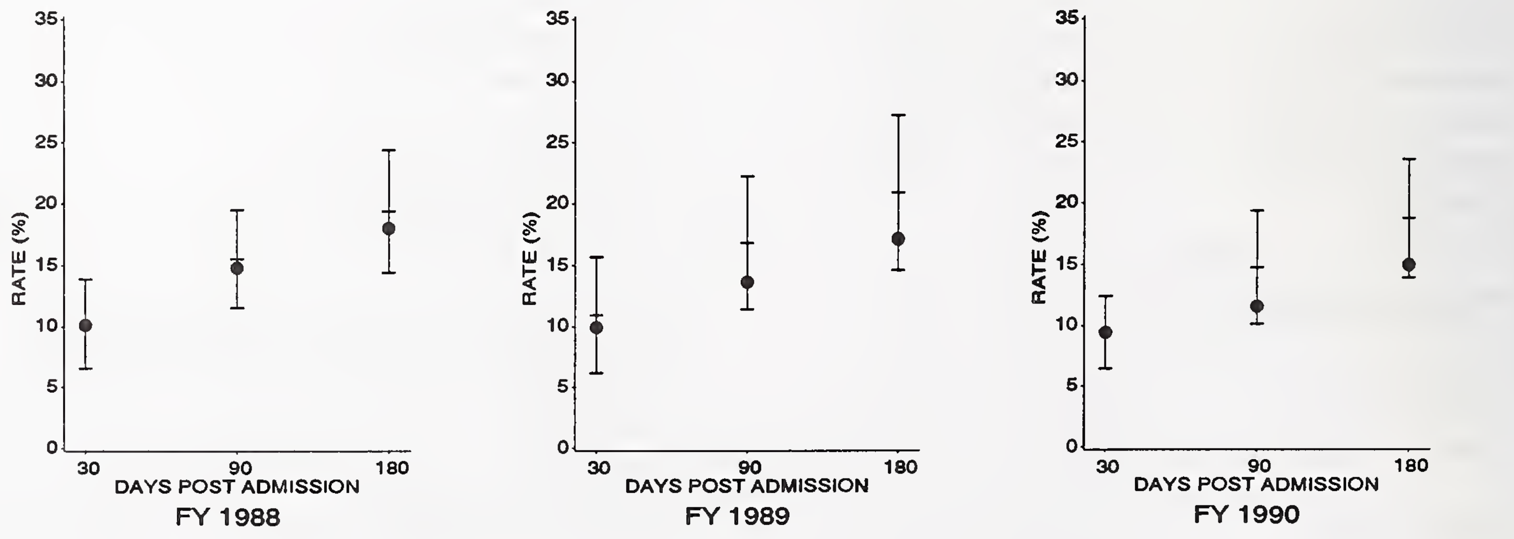
819 ASH STREET
SPOONER, WI 54801
Medicare Provider Number: 520047

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	383	9.4	9.4	1.5	11.5	14.7	2.3	14.9	18.7	2.4
CONDITIONS:										
Acute Myocardial Infarction	16	25.0	29.2	-----	25.0	32.1	-----	25.0	34.7	-----
Congestive Heart Failure	28	10.7	13.5	-----	17.9	22.1	-----	17.9	28.2	-----
Pneumonia/Influenza	39	7.7	15.4	-----	10.3	21.5	-----	10.3	25.5	-----
Chronic Obstructive Pulmonary Disease	11	0.0	7.2	-----	0.0	13.0	-----	9.1	17.8	-----
Transient Cerebral Ischemia	6	0.0	1.7	-----	0.0	3.9	-----	0.0	6.3	-----
Stroke	14	21.4	22.2	-----	21.4	32.7	-----	28.6	38.5	-----
Hip Fracture	2	0.0	2.8	-----	0.0	5.2	-----	0.0	7.4	-----
Sepsis	11	18.2	25.1	-----	18.2	34.0	-----	18.2	40.3	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	2	0.0	1.0	-----	0.0	2.4	-----	0.0	4.3	-----
Cholecystectomy	10	10.0	3.7	-----	10.0	6.6	-----	10.0	8.3	-----
Hysterectomy	1	0.0	0.1	-----	0.0	0.3	-----	0.0	0.5	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

COMMUNITY MEMORIAL HOSPITAL

Medicare Provider Number: 520047

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:		COMORBIDITIES:	
Average age at admission	76.8 years	Cancer	5.2 %
Proportion female	54.8 %	Chronic cardiovascular disease	32.1 %
ADMISSION SOURCES/TYPES:		Chronic liver disease	0.3 %
Referred by personal or HMO physician	41.0 %	Chronic renal disease	3.9 %
Transferred from skilled nursing facility	10.7 %	Chronic pulmonary disease	20.9 %
Admitted for elective procedure	0.8 %	Cerebrovascular degeneration	5.5 %
Admitted for emergency	3.9 %	Diabetes mellitus	7.3 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:		MEDICARE AVERAGE LENGTH OF STAY:	
County/City	70.4%	Hospital	5.2 Days
State	24.4%	State	7.4 Days
Outside State	5.2%	National	8.6 Days
Total	100.0%		

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:		SPECIALTY SERVICES:	
Total Beds	136	Burn Unit	No
Occupancy Rate	75.0 %	Cardiac Intensive Care	No
Ownership.Control	Private, Non-Profit	Comprehensive Geriatric	Yes
Medicare Discharges	53.6 %	Hospice Care	No
Case Mix Index (CMI)	0.9810	Medical/Surgical Intensive Care	No
STAFFING:		Organ/Tissue Transplant	Yes
Total Number of Physicians	13	Other Intensive Care	No
Percent of Physicians Board Certified Specialists	92.3 %	Trauma Center	No
Medical Residents/Interns	0	OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Registered Nurses	17	Alcohol/Drug	No
Licensed Practical Nurses	2	Rehabilitation	No
		Psychiatric	No
		Medicare Swing Beds	Yes

** Except for CMI

* Not used in calculating mortality rates

COMMUNITY MEMORIAL HOSPITAL

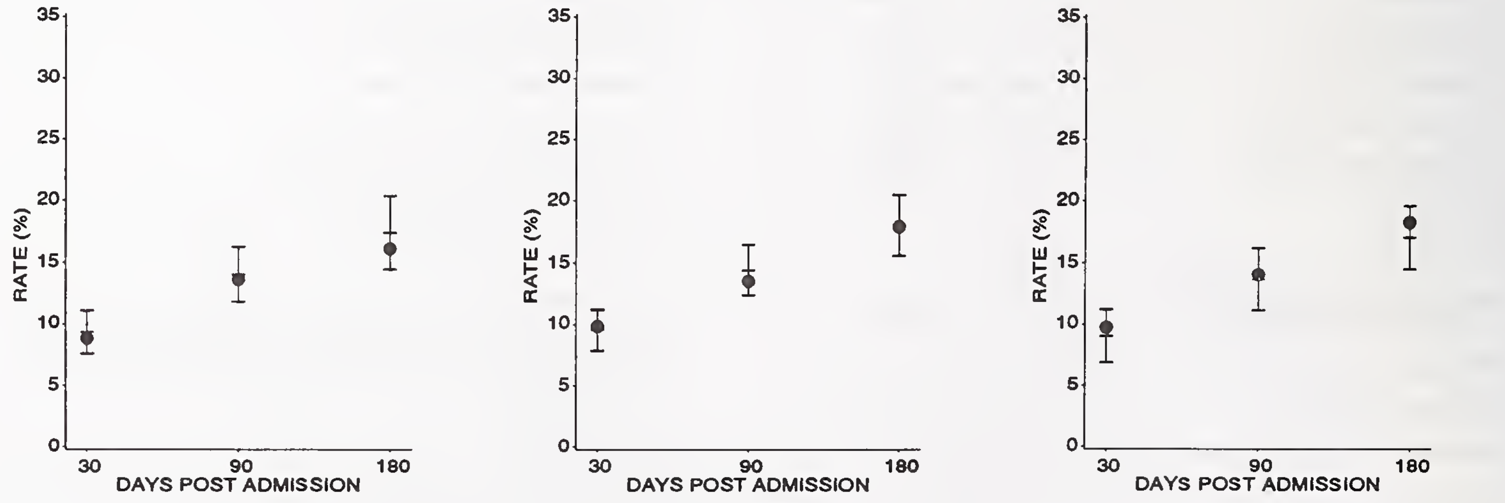
W180 N8085 TOWN HALL RD
MENOMONEE FALLS, WI 53051
Medicare Provider Number: 520103

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	1304	9.7	9.0	1.1	14.0	13.6	1.3	18.2	17.0	1.3
CONDITIONS:										
Acute Myocardial Infarction	41	39.0	30.8	-----	41.5	33.6	-----	41.5	36.4	-----
Congestive Heart Failure	80	21.2	14.7	6.8	31.3	23.6	8.2	37.5	30.0	9.1
Pneumonia/Influenza	54	13.0	15.9	6.5	18.5	21.4	6.7	24.1	25.3	6.5
Chronic Obstructive Pulmonary Disease	18	5.6	7.0	-----	16.7	12.3	-----	16.7	16.2	-----
Transient Cerebral Ischemia	20	0.0	1.4	-----	0.0	3.3	-----	0.0	5.4	-----
Stroke	47	17.0	18.4	-----	25.5	23.9	-----	34.0	27.3	-----
Hip Fracture	43	7.0	6.6	-----	9.3	11.9	-----	14.0	15.6	-----
Sepsis	22	45.5	23.6	-----	45.5	32.9	-----	50.0	38.0	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	12	8.3	3.8	-----	16.7	8.5	-----	33.3	13.5	-----
Carotid Endarterectomy	15	6.7	1.5	-----	6.7	3.0	-----	13.3	4.6	-----
Hip Replacement/Reconstruction	44	2.3	2.1	-----	6.8	4.0	-----	6.8	5.5	-----
Open Reduction of Hip Fracture	17	0.0	5.0	-----	0.0	9.1	-----	5.9	12.0	-----
Prostatectomy	86	1.2	0.8	1.0	2.3	2.0	1.6	4.7	3.5	2.3
Cholecystectomy	34	0.0	1.4	-----	5.9	2.6	-----	8.8	3.5	-----
Hysterectomy	11	0.0	0.5	-----	9.1	1.0	-----	9.1	1.5	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988 FY 1989 FY 1990

COMMUNITY MEMORIAL HOSPITAL

Medicare Provider Number: 520103

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	75.4 years
Proportion female	55.6 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	57.5 %
Transferred from skilled nursing facility	2.8 %
Admitted for elective procedure	28.4 %
Admitted for emergency	35.7 %

COMORBIDITIES:	
Cancer	9.3 %
Chronic cardiovascular disease	30.7 %
Chronic liver disease	0.7 %
Chronic renal disease	1.1 %
Chronic pulmonary disease	11.0 %
Cerebrovascular degeneration	4.7 %
Diabetes mellitus	3.5 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	48.2%
State	50.3%
Outside State	1.5%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	7.0 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	156
Occupancy Rate	65.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	36.4 %
Case Mix Index (CMI)	1.2908
STAFFING:	
Total Number of Physicians	109
Percent of Physicians Board Certified Specialists	78.0 %
Medical Residents/Interns	0
Registered Nurses	176
Licensed Practical Nurses	34

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	No
Rehabilitation	Yes
Psychiatric	Yes
Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

COMMUNITY MEMORIAL HOSPITAL INC

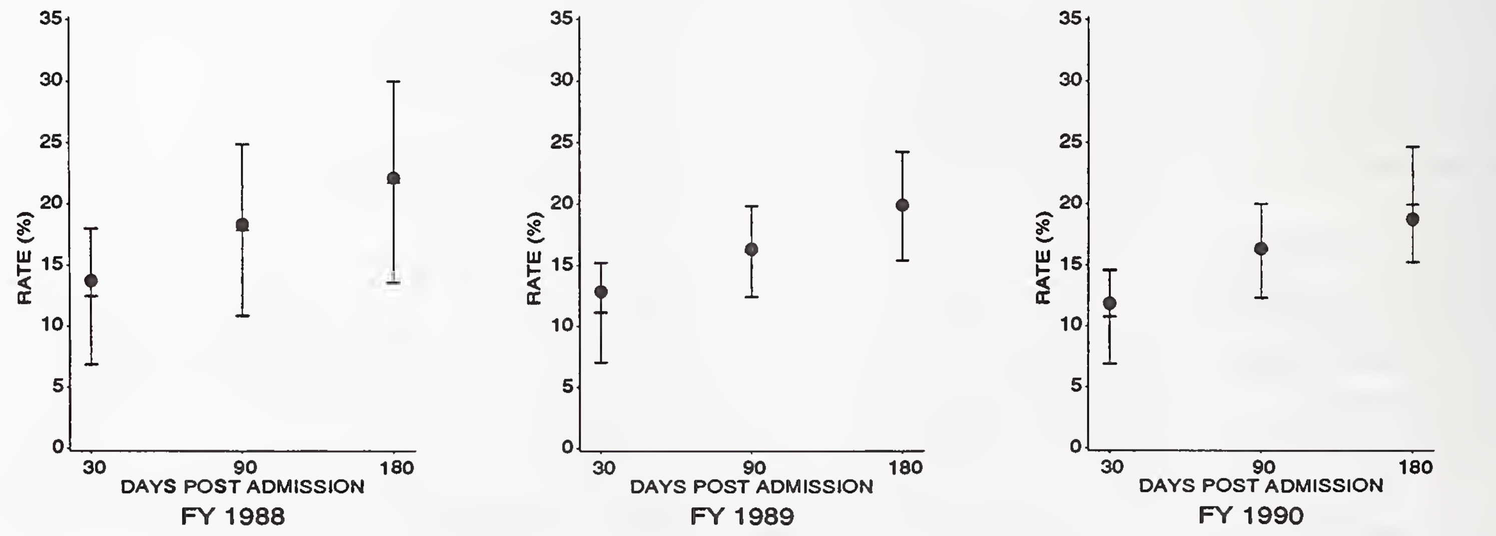
855 SOUTH MAIN STREET
OCONTO FALLS, WI 54154
Medicare Provider Number: 520101

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	363	11.8	10.7	1.9	16.3	16.1	1.9	18.7	19.9	2.4
CONDITIONS:										
Acute Myocardial Infarction	18	22.2	28.2	-----	27.8	30.9	-----	27.8	33.5	-----
Congestive Heart Failure	42	14.3	16.4	-----	31.0	25.9	-----	33.3	32.6	-----
Pneumonia/Influenza	28	17.9	16.3	-----	21.4	23.4	-----	21.4	27.5	-----
Chronic Obstructive Pulmonary Disease	11	9.1	6.4	-----	9.1	11.7	-----	18.2	16.7	-----
Transient Cerebral Ischemia	7	0.0	1.6	-----	14.3	3.6	-----	14.3	5.8	-----
Stroke	17	23.5	18.5	-----	23.5	23.4	-----	23.5	27.0	-----
Hip Fracture	2	50.0	12.8	-----	50.0	27.5	-----	50.0	38.5	-----
Sepsis	3	33.3	21.8	-----	33.3	25.4	-----	33.3	29.4	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	100.0	17.2	-----	100.0	25.4	-----	100.0	27.9	-----
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	1	0.0	4.9	-----	0.0	10.3	-----	0.0	14.1	-----
Prostatectomy	0									
Cholecystectomy	11	9.1	2.0	-----	9.1	3.2	-----	9.1	4.1	-----
Hysterectomy	0									

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

COMMUNITY MEMORIAL HOSPITAL INC

Medicare Provider Number: 520101

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	75.9 years
Proportion female	49.9 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	32.2 %
Transferred from skilled nursing facility	7.4 %
Admitted for elective procedure	5.8 %
Admitted for emergency	16.5 %

COMORBIDITIES:

Cancer	8.0 %
Chronic cardiovascular disease	36.4 %
Chronic liver disease	1.1 %
Chronic renal disease	3.9 %
Chronic pulmonary disease	14.6 %
Cerebrovascular degeneration	3.6 %
Diabetes mellitus	8.5 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	80.0%
State	18.5%
Outside State	1.5%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	5.3 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	55
Occupancy Rate	27.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	45.1 %
Case Mix Index (CMI)	1.1339

STAFFING:

Total Number of Physicians	18
Percent of Physicians Board Certified Specialists	77.8 %
Medical Residents/Interns	0
Registered Nurses	22
Licensed Practical Nurses	11

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

*** Not used in calculating mortality rates**

CUMBERLAND MEMORIAL HOSPITAL

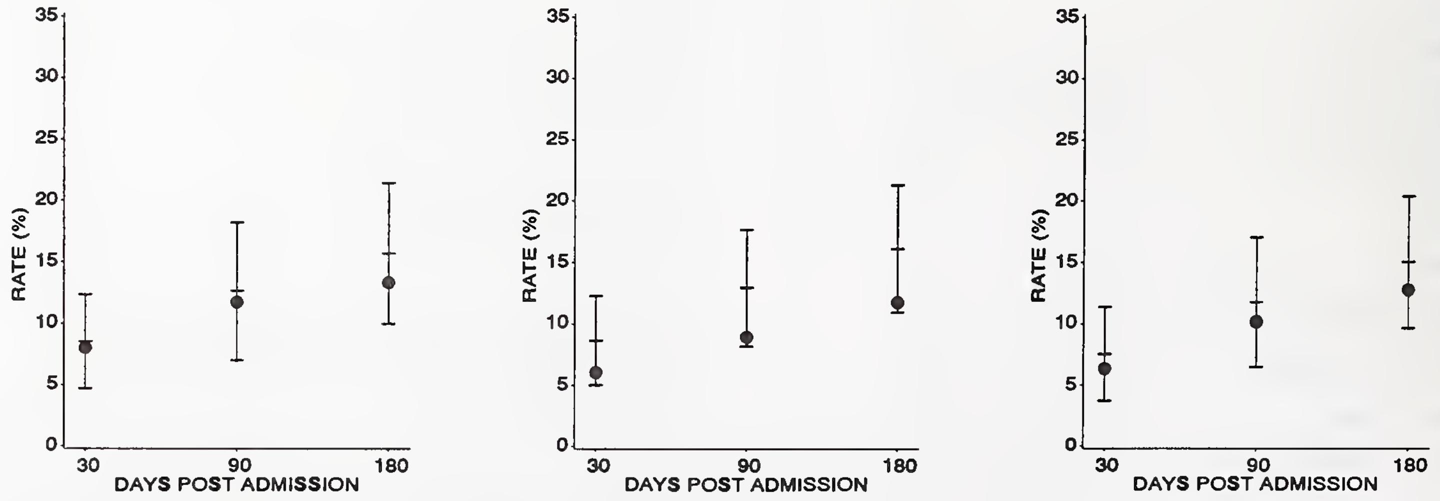
1110 7TH AVE
CUMBERLAND, WI 54829
Medicare Provider Number: 520068

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

		MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
CATEGORY	NUMBER OF CASES	OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	347	6.3	7.5	1.9	10.1	11.7	2.7	12.7	15.0	2.7
CONDITIONS:										
Acute Myocardial Infarction	10	0.0	25.9	-----	10.0	28.2	-----	10.0	30.7	-----
Congestive Heart Failure	19	15.8	15.2	-----	31.6	23.4	-----	36.8	29.8	-----
Pneumonia/Influenza	41	17.1	17.9	-----	19.5	25.1	-----	22.0	29.2	-----
Chronic Obstructive Pulmonary Disease	3	33.3	12.1	-----	33.3	24.9	-----	33.3	35.0	-----
Transient Cerebral Ischemia	6	0.0	1.5	-----	16.7	3.5	-----	16.7	5.8	-----
Stroke	12	0.0	14.9	-----	0.0	19.5	-----	0.0	23.0	-----
Hip Fracture	3	0.0	7.6	-----	0.0	12.2	-----	0.0	15.1	-----
Sepsis	3	33.3	18.7	-----	66.7	29.5	-----	66.7	34.9	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	3.7	-----	0.0	7.3	-----	0.0	10.7	-----
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	0.0	5.7	-----	0.0	9.5	-----	0.0	11.6	-----
Open Reduction of Hip Fracture	2	0.0	2.3	-----	0.0	4.2	-----	0.0	6.0	-----
Prostatectomy	8	0.0	1.4	-----	0.0	3.3	-----	0.0	5.5	-----
Cholecystectomy	2	0.0	0.8	-----	0.0	1.3	-----	0.0	1.8	-----
Hysterectomy	3	0.0	0.3	-----	0.0	0.7	-----	0.0	1.2	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988 FY 1989 FY 1990

CUMBERLAND MEMORIAL HOSPITAL
Medicare Provider Number: 520068

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	72.0 years
Proportion female	50.1 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	42.7 %
Transferred from skilled nursing facility	7.8 %
Admitted for elective procedure	6.3 %
Admitted for emergency	0.9 %

COMORBIDITIES:	
Cancer	7.5 %
Chronic cardiovascular disease	34.9 %
Chronic liver disease	1.2 %
Chronic renal disease	0.6 %
Chronic pulmonary disease	10.4 %
Cerebrovascular degeneration	8.1 %
Diabetes mellitus	6.3 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	71.0%
State	25.9%
Outside State	3.1%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	6.0 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	89
Occupancy Rate	76.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	35.5 %
Case Mix Index (CMI)	1.0224
STAFFING:	
Total Number of Physicians	7
Percent of Physicians Board Certified Specialists	85.7 %
Medical Residents/Interns	0
Registered Nurses	30
Licensed Practical Nurses	2

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	No
Rehabilitation	No
Psychiatric	Yes
Medicare Swing Beds	Yes

** Except for CMI

* Not used in calculating mortality rates

DEPAUL HOSPITAL INC
4143 SOUTH 13TH STREET
MILWAUKEE, WI 53221
Medicare Provider Number: 520176

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

		MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
CATEGORY	NUMBER OF CASES	OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	137	0.0	0.3	0.5	0.0	0.8	1.0	0.7	1.4	1.3
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	0									
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES

No Graphs are presented when the standard deviation
was not computed for one or more of the three fiscal years,
(1988, 1989, or 1990)

DEPAUL HOSPITAL INC
Medicare Provider Number: 520176

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	46.0 years
Proportion female	22.6 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	97.1 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	94.9 %
Admitted for emergency	3.6 %

COMORBIDITIES:	
Cancer	2.2 %
Chronic cardiovascular disease	3.6 %
Chronic liver disease	13.9 %
Chronic renal disease	0.0 %
Chronic pulmonary disease	4.4 %
Cerebrovascular degeneration	5.8 %
Diabetes mellitus	5.1 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	87.3%
State	9.9%
Outside State	2.8%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	9.3 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: Health Care Financing Administration (OSCAR)** - Survey Year 1990

PROFILE:	
Total Beds	126
Ownership.Control	Private, Non-Profit
Case Mix Index (CMI)	0.8372
STAFFING:	
Medical Residents/Interns	6
Registered Nurses	16
Licensed Practical Nurses	4

SPECIALTY SERVICES:	
Burn Unit	No
Coronary Care Unit	No
Hospice Care	No
Intensive Care Unit	No
Organ Transplant	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	Yes
Rehabilitation	Yes
Psychiatric	Yes
Medicare Swing Beds	No

** Except for CMI

* Not used in calculating mortality rates

DIVINE SAVIOR HOSPITAL

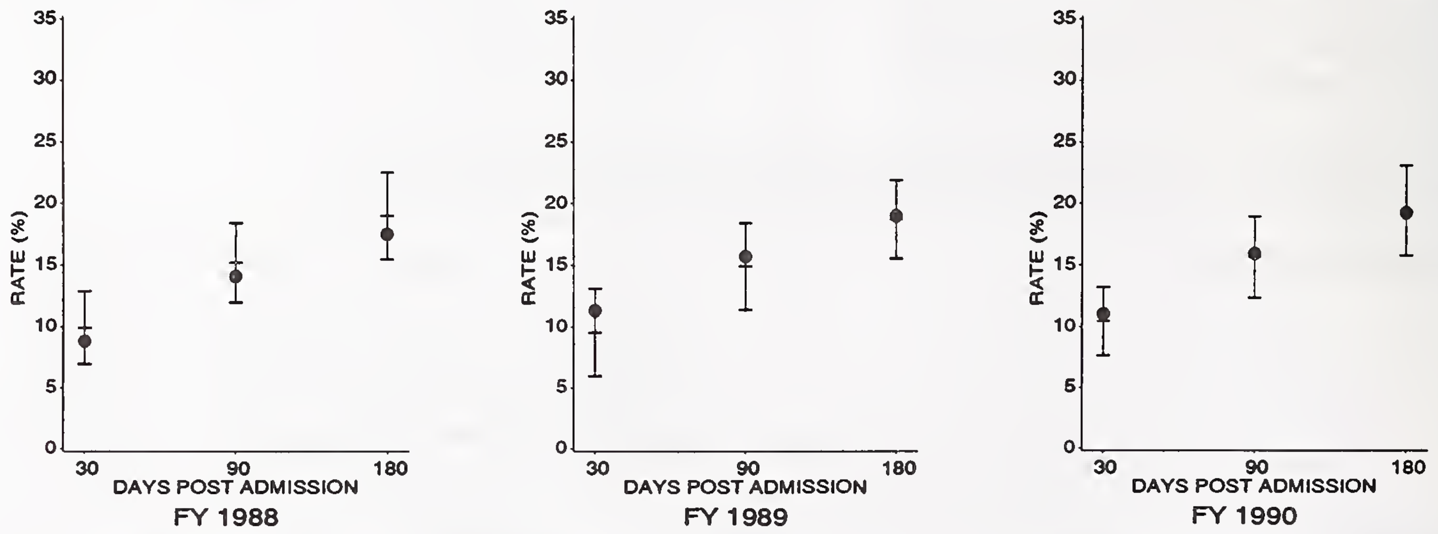
1015 W PLEASANT ST
PORTAGE, WI 53901
Medicare Provider Number: 520041

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

		MORTALITY RATES (%)								
CATEGORY	NUMBER OF CASES	30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	616	11.0	10.4	1.4	15.9	15.6	1.7	19.2	19.4	1.8
CONDITIONS:										
Acute Myocardial Infarction	26	23.1	24.2	-----	23.1	26.4	-----	23.1	28.8	-----
Congestive Heart Failure	45	11.1	13.7	-----	15.6	21.0	-----	24.4	27.0	-----
Pneumonia/Influenza	52	17.3	16.3	5.2	23.1	22.6	7.3	25.0	27.0	7.7
Chronic Obstructive Pulmonary Disease	9	0.0	9.7	-----	11.1	15.9	-----	11.1	20.4	-----
Transient Cerebral Ischemia	9	11.1	1.9	-----	11.1	4.7	-----	22.2	8.0	-----
Stroke	32	18.8	20.9	-----	25.0	27.9	-----	25.0	31.8	-----
Hip Fracture	24	8.3	8.9	-----	8.3	15.8	-----	16.7	20.1	-----
Sepsis	11	9.1	23.0	-----	27.3	34.0	-----	36.4	39.1	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	20	10.0	8.5	-----	10.0	15.2	-----	15.0	19.3	-----
Open Reduction of Hip Fracture	4	0.0	9.9	-----	0.0	18.0	-----	25.0	22.9	-----
Prostatectomy	15	0.0	0.6	-----	0.0	1.4	-----	0.0	2.4	-----
Cholecystectomy	9	11.1	2.2	-----	11.1	3.8	-----	11.1	4.9	-----
Hysterectomy	4	0.0	0.1	-----	0.0	0.3	-----	0.0	0.5	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

DIVINE SAVIOR HOSPITAL

Medicare Provider Number: 520041

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	77.4 years
Proportion female	57.6 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	33.9 %
Transferred from skilled nursing facility	4.9 %
Admitted for elective procedure	11.2 %
Admitted for emergency	1.8 %

COMORBIDITIES:

Cancer	5.8 %
Chronic cardiovascular disease	44.3 %
Chronic liver disease	1.3 %
Chronic renal disease	2.3 %
Chronic pulmonary disease	18.2 %
Cerebrovascular degeneration	3.2 %
Diabetes mellitus	8.8 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	66.4%
State	31.7%
Outside State	1.9%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	5.0 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	171
Occupancy Rate	77.0 %
Ownership/Control	Church
Medicare Discharges	44.7 %
Case Mix Index (CMI)	1.1030

STAFFING:

Total Number of Physicians	21
Percent of Physicians Board Certified Specialists	42.9 %
Medical Residents/Interns	0
Registered Nurses	31
Licensed Practical Nurses	16

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

*** Not used in calculating mortality rates**

DOOR COUNTY MEMORIAL HOSPITAL

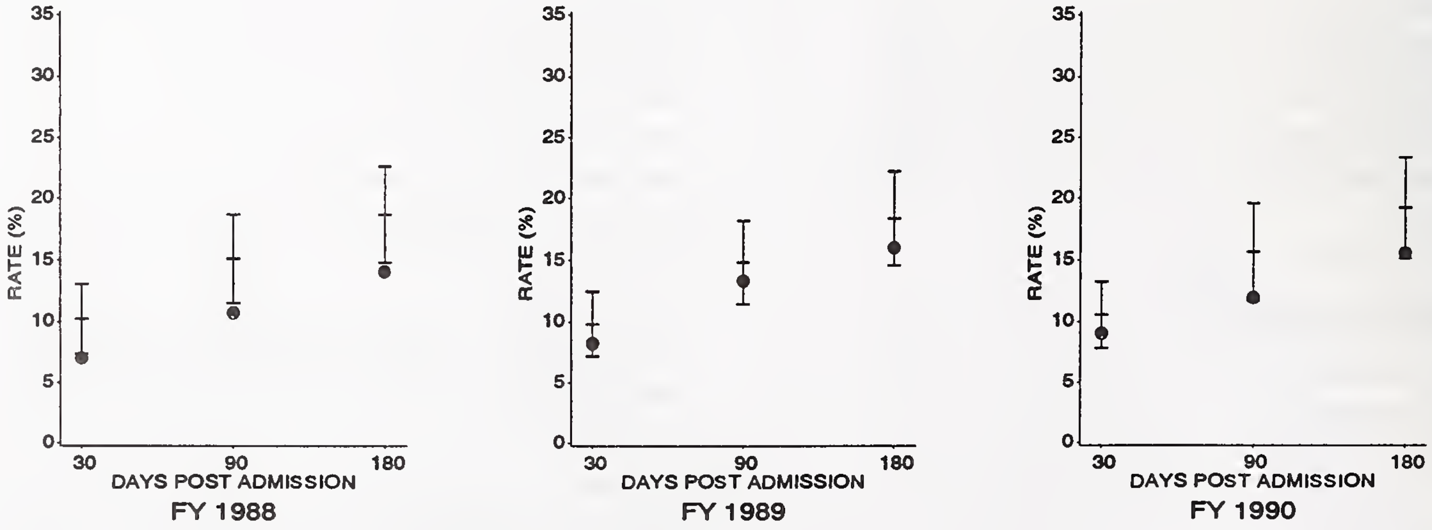
330 SOUTH 16TH PLACE
STURGEON BAY, WI 54235
Medicare Provider Number: 520152

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	714	9.0	10.5	1.4	11.9	15.6	2.0	15.5	19.2	2.1
CONDITIONS:										
Acute Myocardial Infarction	24	29.2	28.1	-----	33.3	31.6	-----	37.5	34.4	-----
Congestive Heart Failure	75	13.3	15.9	6.0	17.3	24.6	8.8	24.0	30.8	8.3
Pneumonia/Influenza	47	10.6	15.8	-----	12.8	21.2	-----	17.0	25.2	-----
Chronic Obstructive Pulmonary Disease	6	0.0	6.1	-----	0.0	11.5	-----	16.7	17.1	-----
Transient Cerebral Ischemia	9	0.0	1.9	-----	0.0	4.3	-----	0.0	7.0	-----
Stroke	39	17.9	18.4	-----	20.5	24.2	-----	25.6	27.9	-----
Hip Fracture	12	0.0	8.3	-----	16.7	14.9	-----	16.7	19.4	-----
Sepsis	22	18.2	27.1	-----	18.2	33.5	-----	22.7	37.7	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	0.0	4.9	-----	0.0	8.3	-----	0.0	10.2	-----
Open Reduction of Hip Fracture	4	0.0	8.3	-----	25.0	15.8	-----	25.0	21.0	-----
Prostatectomy	35	0.0	1.3	-----	0.0	3.0	-----	2.9	4.8	-----
Cholecystectomy	28	0.0	1.6	-----	0.0	2.8	-----	0.0	3.7	-----
Hysterectomy	13	0.0	0.6	-----	0.0	1.3	-----	0.0	2.2	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988 FY 1989 FY 1990

DOOR COUNTY MEMORIAL HOSPITAL

Medicare Provider Number: 520152

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	77.8 years
Proportion female	54.3 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	28.4 %
Transferred from skilled nursing facility	8.5 %
Admitted for elective procedure	12.7 %
Admitted for emergency	11.9 %

COMORBIDITIES:	
Cancer	4.5 %
Chronic cardiovascular disease	35.7 %
Chronic liver disease	0.7 %
Chronic renal disease	6.4 %
Chronic pulmonary disease	12.6 %
Cerebrovascular degeneration	4.8 %
Diabetes mellitus	6.6 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	87.5%
State	6.8%
Outside State	5.7%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	6.5 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	78
Occupancy Rate	75.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	48.8 %
Case Mix Index (CMI)	1.1308
STAFFING:	
Total Number of Physicians	18
Percent of Physicians Board Certified Specialists	77.8 %
Medical Residents/Interns	0
Registered Nurses	53
Licensed Practical Nurses	26

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

** Except for CMI

*** Not used in calculating mortality rates**

EAGLE RIVER MEMORIAL HOSPITAL

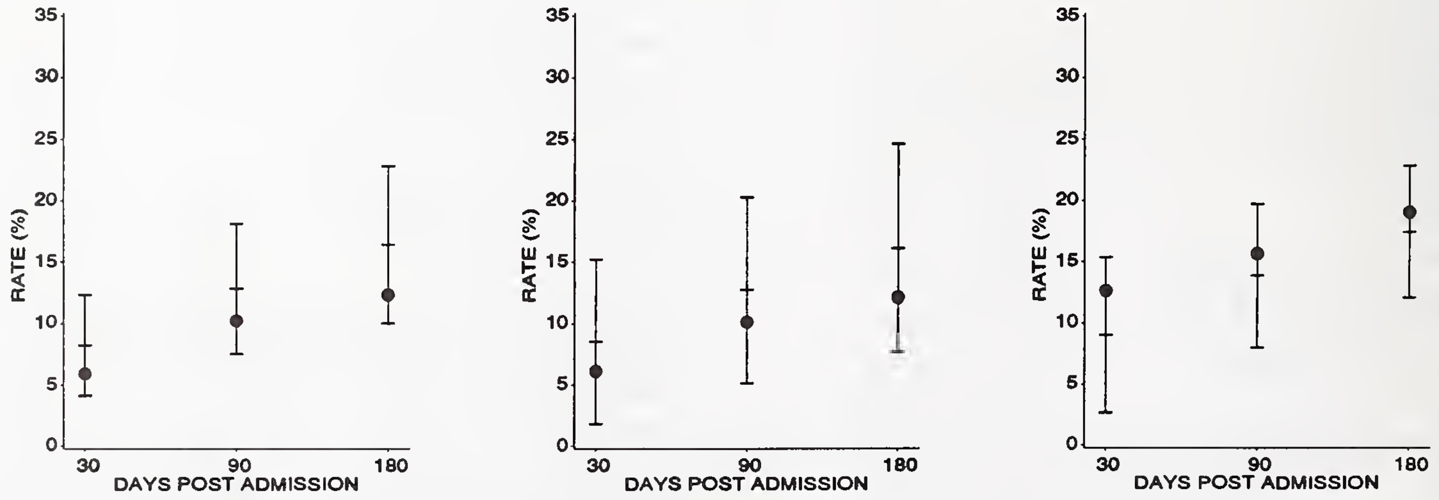
201 HOSPITAL RD, BOX 129
EAGLE RIVER, WI 54521
Medicare Provider Number: 520159

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	269	12.6	9.0	3.2	15.6	13.8	2.9	19.0	17.4	2.7
CONDITIONS:										
Acute Myocardial Infarction	2	50.0	20.0	-----	50.0	23.6	-----	50.0	27.0	-----
Congestive Heart Failure	25	8.0	14.4	-----	12.0	22.8	-----	16.0	29.0	-----
Pneumonia/Influenza	23	13.0	14.3	-----	17.4	19.6	-----	21.7	23.5	-----
Chronic Obstructive Pulmonary Disease	6	33.3	7.5	-----	33.3	13.5	-----	33.3	18.2	-----
Transient Cerebral Ischemia	3	33.3	1.5	-----	66.7	3.4	-----	66.7	5.7	-----
Stroke	15	40.0	23.5	-----	40.0	29.7	-----	46.7	33.4	-----
Hip Fracture	3	0.0	18.4	-----	33.3	30.9	-----	33.3	37.2	-----
Sepsis	2	50.0	31.3	-----	50.0	45.8	-----	50.0	52.8	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	6	0.0	1.8	-----	0.0	4.5	-----	0.0	7.6	-----
Cholecystectomy	4	0.0	2.7	-----	0.0	4.2	-----	0.0	5.2	-----
Hysterectomy	2	0.0	0.2	-----	0.0	0.5	-----	0.0	0.9	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

EAGLE RIVER MEMORIAL HOSPITAL

Medicare Provider Number: 520159

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	77.1 years
Proportion female	60.6 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	39.4 %
Transferred from skilled nursing facility	0.4 %
Admitted for elective procedure	8.2 %
Admitted for emergency	67.7 %

COMORBIDITIES:	
Cancer	6.7 %
Chronic cardiovascular disease	37.5 %
Chronic liver disease	0.7 %
Chronic renal disease	0.7 %
Chronic pulmonary disease	10.4 %
Cerebrovascular degeneration	5.2 %
Diabetes mellitus	2.2 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	73.1%
State	14.7%
Outside State	12.2%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	4.6 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	37
Occupancy Rate	37.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	44.0 %
Case Mix Index (CMI)	0.9259
STAFFING:	
Total Number of Physicians	13
Percent of Physicians Board Certified Specialists	46.2 %
Medical Residents/Interns	0
Registered Nurses	20
Licensed Practical Nurses	6

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

** Except for CMI

Not used in calculating mortality rates

ELMBROOK MEMORIAL HOSPITAL

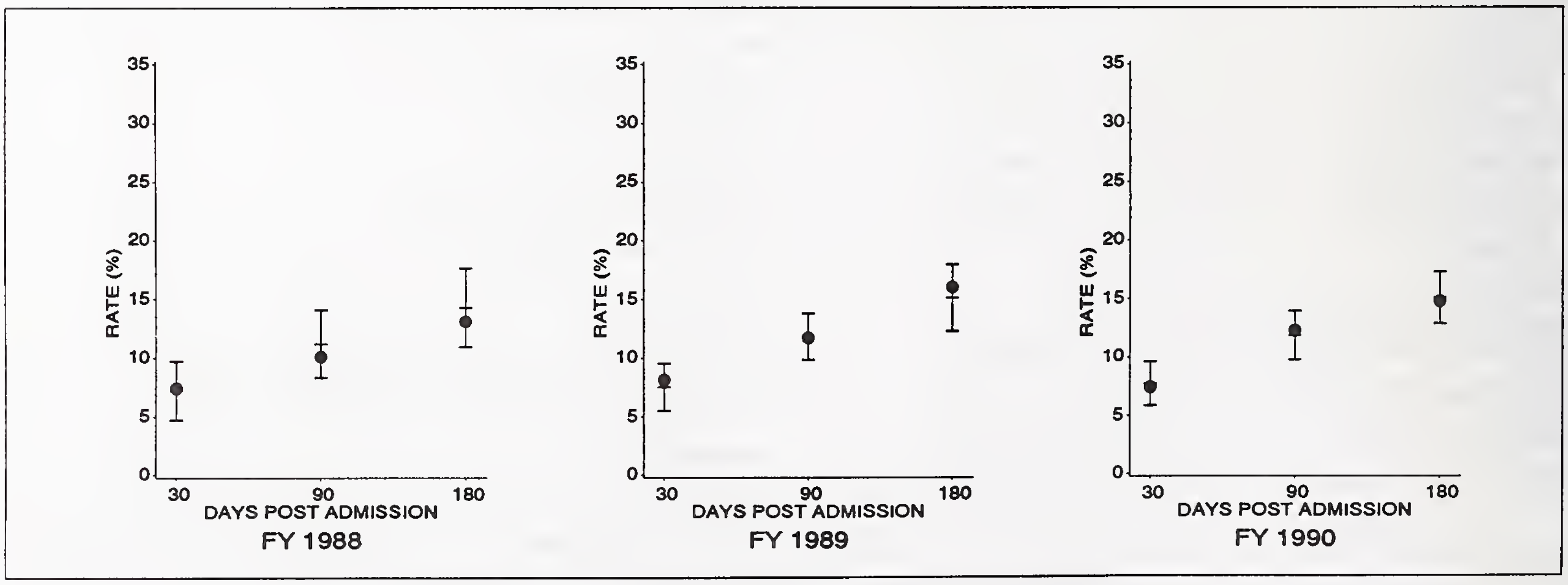
19333 WEST NORTH AVENUE
BROOKFIELD, WI 53005
Medicare Provider Number: 520170

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	1112	7.4	7.7	0.9	12.2	11.8	1.0	14.7	15.0	1.1
CONDITIONS:										
Acute Myocardial Infarction	25	32.0	30.7	-----	36.0	33.9	-----	36.0	36.7	-----
Congestive Heart Failure	60	11.7	15.6	5.6	18.3	24.4	7.4	26.7	31.0	6.8
Pneumonia/Influenza	49	16.3	16.0	-----	24.5	21.9	-----	28.6	25.5	-----
Chronic Obstructive Pulmonary Disease	16	25.0	5.6	-----	37.5	10.0	-----	37.5	13.6	-----
Transient Cerebral Ischemia	28	3.6	1.6	-----	7.1	3.7	-----	7.1	6.2	-----
Stroke	33	24.2	20.1	-----	27.3	26.4	-----	33.3	30.4	-----
Hip Fracture	28	0.0	6.8	-----	3.6	12.4	-----	3.6	16.2	-----
Sepsis	9	11.1	20.3	-----	11.1	28.2	-----	11.1	33.0	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	8	0.0	3.6	-----	12.5	6.9	-----	12.5	9.5	-----
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	32	0.0	2.6	-----	0.0	4.7	-----	0.0	6.4	-----
Open Reduction of Hip Fracture	16	0.0	5.6	-----	0.0	10.8	-----	0.0	14.5	-----
Prostatectomy	60	0.0	0.5	-----	0.0	1.3	-----	0.0	2.2	-----
Cholecystectomy	19	0.0	2.5	-----	0.0	4.7	-----	0.0	6.8	-----
Hysterectomy	5	0.0	0.4	-----	0.0	0.9	-----	0.0	1.4	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases Is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



ELMBROOK MEMORIAL HOSPITAL
Medicare Provider Number: 520170

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:		COMORBIDITIES:	
Average age at admission	75.6 years	Cancer	7.9 %
Proportion female	57.3 %	Chronic cardiovascular disease	27.2 %
ADMISSION SOURCES/TYPES:		Chronic liver disease	1.7 %
Referred by personal or HMO physician	57.0 %	Chronic renal disease	2.1 %
Transferred from skilled nursing facility	0.0 %	Chronic pulmonary disease	10.0 %
Admitted for elective procedure	25.6 %	Cerebrovascular degeneration	5.7 %
Admitted for emergency	43.3 %	Diabetes mellitus	3.9 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:		MEDICARE AVERAGE LENGTH OF STAY:	
County/City	65.6%	Hospital	7.2 Days
State	31.1%	State	7.4 Days
Outside State	3.3%	National	8.6 Days
Total	100.0%		

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:		SPECIALTY SERVICES:	
Total Beds	133	Burn Unit	No
Occupancy Rate	55.0 %	Cardiac Intensive Care	No
Ownership/Control	Church	Comprehensive Geriatric	Yes
Medicare Discharges	31.3 %	Hospice Care	No
Case Mix Index (CMI)	1.2105	Medical/Surgical Intensive Care	Yes
STAFFING:		Organ/Tissue Transplant	No
Total Number of Physicians	137	Other Intensive Care	No
Percent of Physicians Board Certified Specialists	75.9 %	Trauma Center	No
		OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Medical Residents/Interns	0	Alcohol/Drug	Yes
Registered Nurses	127	Rehabilitation	Yes
Licensed Practical Nurses	0	Psychiatric	No
		Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

FLAMBEAU MEDICAL CENTER INC

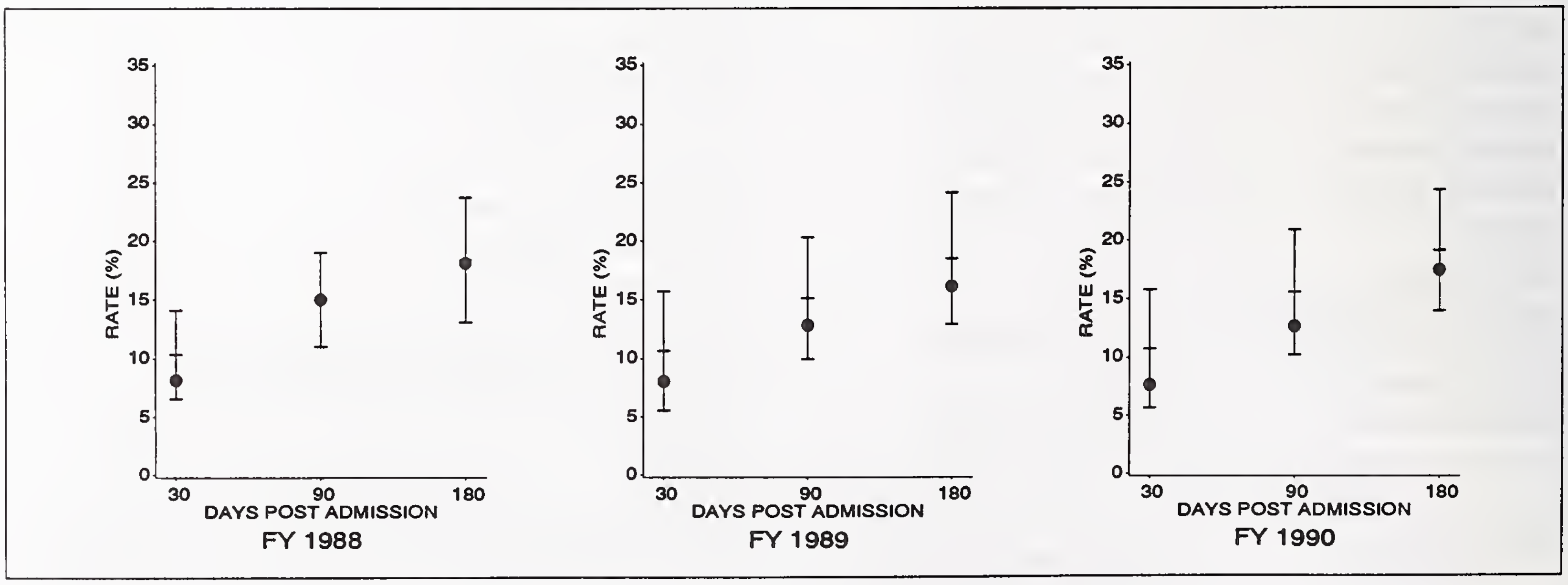
98 SHERRY AVE
PARK FALLS, WI 54552
Medicare Provider Number: 520131

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	340	7.6	10.7	2.5	12.6	15.5	2.7	17.4	19.1	2.6
CONDITIONS:										
Acute Myocardial Infarction	12	16.7	37.4	-----	25.0	40.1	-----	25.0	42.4	-----
Congestive Heart Failure	25	4.0	13.7	-----	4.0	21.9	-----	12.0	27.7	-----
Pneumonia/Influenza	29	13.8	14.0	-----	27.6	19.2	-----	34.5	22.8	-----
Chronic Obstructive Pulmonary Disease	10	0.0	5.0	-----	0.0	9.3	-----	0.0	13.6	-----
Transient Cerebral Ischemia	3	0.0	1.3	-----	0.0	2.9	-----	0.0	4.7	-----
Stroke	21	33.3	21.8	-----	42.9	28.0	-----	47.6	32.0	-----
Hip Fracture	5	0.0	6.3	-----	0.0	11.3	-----	20.0	14.7	-----
Sepsis	2	0.0	15.3	-----	0.0	19.0	-----	0.0	23.3	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	4	0.0	5.4	-----	0.0	9.9	-----	0.0	13.2	-----
Prostatectomy	1	0.0	0.4	-----	0.0	1.0	-----	0.0	1.9	-----
Cholecystectomy	11	0.0	2.2	-----	0.0	4.0	-----	0.0	4.9	-----
Hysterectomy	3	0.0	0.1	-----	0.0	0.4	-----	0.0	0.7	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

FLAMBEAU MEDICAL CENTER INC
Medicare Provider Number: 520131

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	77.5 years
Proportion female	55.3 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	37.6 %
Transferred from skilled nursing facility	1.2 %
Admitted for elective procedure	5.9 %
Admitted for emergency	50.0 %

COMORBIDITIES:	
Cancer	5.6 %
Chronic cardiovascular disease	26.8 %
Chronic liver disease	0.3 %
Chronic renal disease	0.9 %
Chronic pulmonary disease	18.2 %
Cerebrovascular degeneration	2.1 %
Diabetes mellitus	10.3 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	75.5%
State	22.6%
Outside State	1.9%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	5.6 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1989

PROFILE:	
Total Beds	42
Occupancy Rate	35.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	59.3 %
Case Mix Index (CMI)	1.1107
STAFFING:	
Total Number of Physicians	7
Percent of Physicians Board Certified Specialists	71.4 %
Medical Residents/Interns	0
Registered Nurses	17
Licensed Practical Nurses	2

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

** Except for CMI

* Not used in calculating mortality rates

FORT ATKINSON MEMORIAL HOSPITAL

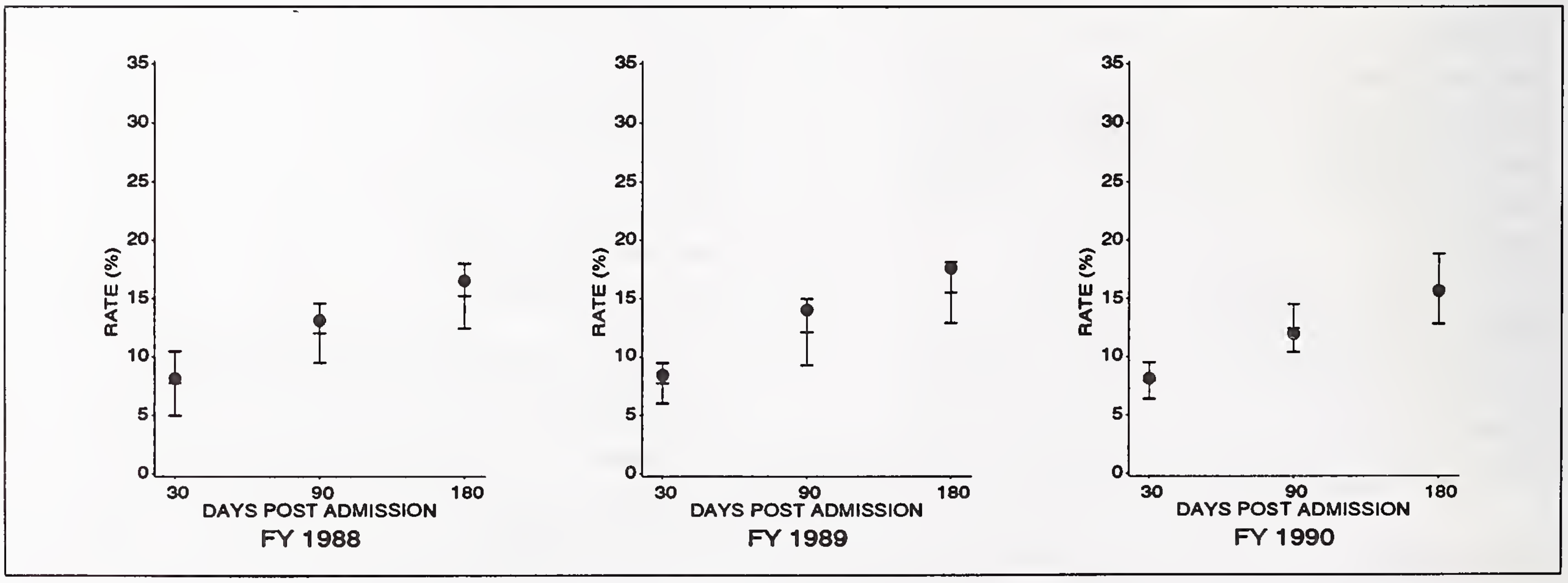
611 EAST SHERMAN AVENUE
FORT ATKINSON, WI 53538
Medicare Provider Number: 520071

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	1241	8.1	7.9	0.8	11.9	12.4	1.0	15.6	15.8	1.5
CONDITIONS:										
Acute Myocardial Infarction	26	26.9	28.4	-----	34.6	31.5	-----	34.6	34.1	-----
Congestive Heart Failure	88	6.8	13.7	5.9	15.9	22.3	6.1	23.9	28.6	5.8
Pneumonia/Influenza	47	17.0	13.8	-----	21.3	19.3	-----	25.5	23.1	-----
Chronic Obstructive Pulmonary Disease	21	9.5	8.2	-----	9.5	14.9	-----	19.0	20.3	-----
Transient Cerebral Ischemia	20	0.0	1.2	-----	5.0	2.8	-----	5.0	4.7	-----
Stroke	43	20.9	18.0	-----	25.6	23.5	-----	27.9	27.1	-----
Hip Fracture	31	12.9	5.8	-----	12.9	10.7	-----	12.9	14.1	-----
Sepsis	25	8.0	20.6	-----	24.0	28.7	-----	32.0	34.3	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	10	0.0	5.6	-----	0.0	8.8	-----	10.0	12.1	-----
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	41	7.3	2.6	-----	7.3	5.0	-----	7.3	6.8	-----
Open Reduction of Hip Fracture	4	25.0	3.6	-----	25.0	7.3	-----	25.0	9.9	-----
Prostatectomy	28	0.0	0.7	-----	0.0	1.6	-----	0.0	2.9	-----
Cholecystectomy	33	0.0	1.1	-----	3.0	1.9	-----	3.0	2.5	-----
Hysterectomy	15	0.0	0.3	-----	0.0	0.8	-----	0.0	1.3	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FORT ATKINSON MEMORIAL HOSPITAL

Medicare Provider Number: 520071

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:		COMORBIDITIES:	
Average age at admission	76.0 years	Cancer	8.5 %
Proportion female	55.2 %	Chronic cardiovascular disease	32.4 %
ADMISSION SOURCES/TYPES:		Chronic liver disease	0.4 %
Referred by personal or HMO physician	86.0 %	Chronic renal disease	0.9 %
Transferred from skilled nursing facility	2.2 %	Chronic pulmonary disease	8.5 %
Admitted for elective procedure	20.4 %	Cerebrovascular degeneration	4.8 %
Admitted for emergency	23.8 %	Diabetes mellitus	8.9 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:		MEDICARE AVERAGE LENGTH OF STAY:	
County/City	73.3%	Hospital	6.7 Days
State	24.1%	State	7.4 Days
Outside State	2.6%	National	8.6 Days
Total	100.0%		

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:		SPECIALTY SERVICES:	
Total Beds	92	Burn Unit	No
Occupancy Rate	59.0 %	Cardiac Intensive Care	No
Ownership.Control	Private, Non-Profit	Comprehensive Geriatric	No
Medicare Discharges	(Not Available)	Hospice Care	No
Case Mix Index (CMI)	1.1358	Medical/Surgical Intensive Care	Yes
STAFFING:		Organ/Tissue Transplant	No
Total Number of Physicians	58	Other Intensive Care	No
Percent of Physicians Board Certified Specialists	89.7 %	Trauma Center	No
		OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Medical Residents/Interns	0	Alcohol/Drug	No
Registered Nurses	79	Rehabilitation	No
Licensed Practical Nurses	31	Psychiatric	No
		Medicare Swing Beds	No

** Except for CMI

* Not used in calculating mortality rates

FREDERIC MUNICIPAL HOSPITAL ASSOCIATION

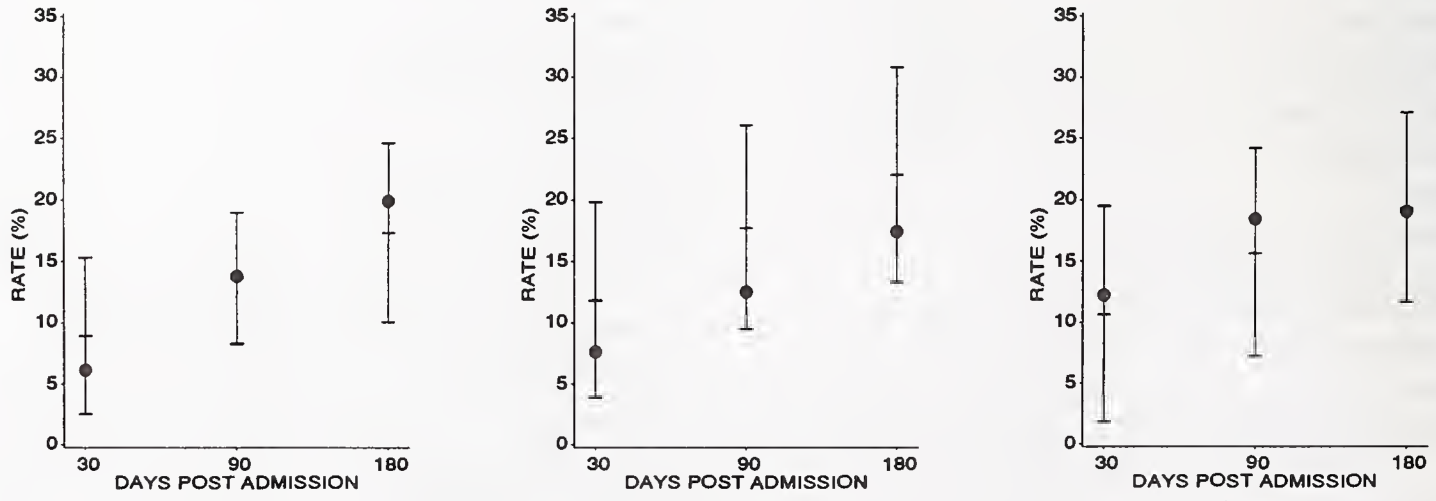
HWY 35 AND UNITED WAY
FREDERIC, WI 54837
Medicare Provider Number: 520104

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	147	12.2	10.6	4.4	18.4	15.6	4.3	19.0	19.3	3.9
CONDITIONS:										
Acute Myocardial Infarction	6	16.7	23.7	-----	16.7	26.4	-----	16.7	29.3	-----
Congestive Heart Failure	13	23.1	16.2	-----	30.8	25.4	-----	30.8	31.7	-----
Pneumonia/Influenza	15	13.3	18.4	-----	20.0	25.7	-----	26.7	30.1	-----
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	3	0.0	1.3	-----	0.0	3.3	-----	0.0	5.8	-----
Stroke	6	0.0	19.6	-----	0.0	24.3	-----	0.0	27.6	-----
Hip Fracture	3	0.0	4.3	-----	0.0	8.3	-----	0.0	12.1	-----
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	3.7	-----	0.0	7.6	-----	0.0	11.5	-----
Open Reduction of Hip Fracture	1	0.0	3.8	-----	0.0	7.6	-----	0.0	11.1	-----
Prostatectomy	3	0.0	0.6	-----	0.0	1.1	-----	0.0	1.8	-----
Cholecystectomy	2	0.0	2.9	-----	0.0	4.2	-----	0.0	5.1	-----
Hysterectomy	1	0.0	0.2	-----	0.0	0.4	-----	0.0	0.6	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988 FY 1989 FY 1990

FREDERIC MUNICIPAL HOSPITAL ASSOCIATION

Medicare Provider Number: 520104

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	77.6 years
Proportion female	55.8 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	36.1 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	13.6 %
Admitted for emergency	68.0 %

COMORBIDITIES:

Cancer	6.8 %
Chronic cardiovascular disease	40.8 %
Chronic liver disease	0.7 %
Chronic renal disease	1.4 %
Chronic pulmonary disease	17.0 %
Cerebrovascular degeneration	11.6 %
Diabetes mellitus	8.2 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	73.2%
State	21.3%
Outside State	5.5%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	4.1 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: Health Care Financing Administration (OSCAR)** - Survey Year 1990

PROFILE:

Total Beds	25
Ownership.Control	Private, Non-Profit
Case Mix Index (CMI)	0.9899

STAFFING:

Medical Residents/Interns	0
Registered Nurses	10
Licensed Practical Nurses	2

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	No
Hospice Care	No
Intensive Care Unit	Yes
Organ Transplant	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	Yes
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

** Except for CMI

* Not used in calculating mortality rates

FROEDTERT MEMORIAL LUTHERAN HOSPITAL

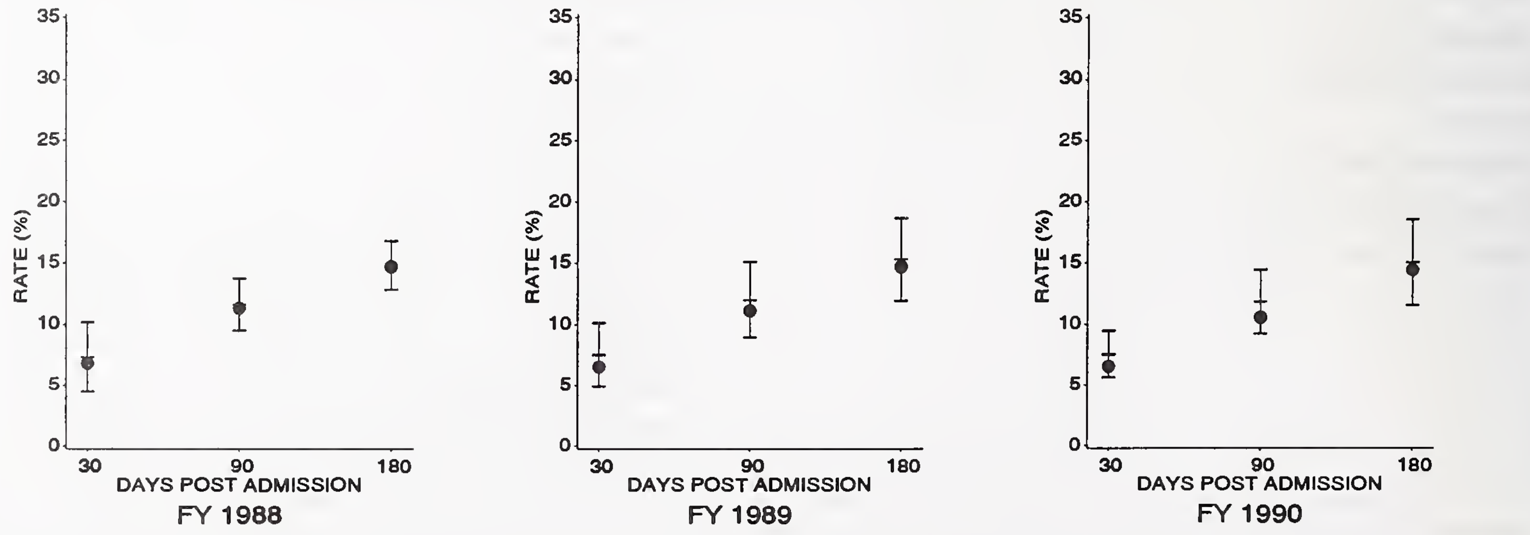
9200 W WISCONSIN AVE
MILWAUKEE, WI 53226
Medicare Provider Number: 520177

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	1427	6.5	7.5	1.0	10.5	11.8	1.3	14.4	15.0	1.8
CONDITIONS:										
Acute Myocardial Infarction	6	33.3	43.8	-----	66.7	47.1	-----	66.7	51.0	-----
Congestive Heart Failure	39	10.3	12.9	-----	20.5	21.1	-----	28.2	27.3	-----
Pneumonia/Influenza	30	10.0	13.2	-----	13.3	18.8	-----	20.0	22.1	-----
Chronic Obstructive Pulmonary Disease	10	10.0	9.3	-----	10.0	14.6	-----	30.0	18.7	-----
Transient Cerebral Ischemia	16	0.0	1.1	-----	0.0	2.5	-----	0.0	4.2	-----
Stroke	51	27.5	20.0	7.9	29.4	26.0	7.8	35.3	29.6	7.2
Hip Fracture	1	0.0	7.5	-----	0.0	14.0	-----	0.0	17.8	-----
Sepsis	11	54.5	31.4	-----	54.5	38.3	-----	63.6	42.1	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	2	0.0	1.6	-----	0.0	2.7	-----	0.0	3.6	-----
Hip Replacement/Reconstruction	4	0.0	2.2	-----	0.0	5.2	-----	0.0	8.2	-----
Open Reduction of Hip Fracture	1	0.0	5.6	-----	0.0	11.1	-----	0.0	14.8	-----
Prostatectomy	32	0.0	0.6	-----	3.1	1.2	-----	6.3	2.1	-----
Cholecystectomy	12	0.0	4.4	-----	0.0	9.1	-----	8.3	12.8	-----
Hysterectomy	0									

* The Standard Deviation (SD) is not calculated if the number of deaths or cases Is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FROEDTERT MEMORIAL LUTHERAN HOSPITAL
Medicare Provider Number: 520177

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:		**COMORBIDITIES:**	
Average age at admission	63.4 years	Cancer	6.0 %
Proportion female	44.3 %	Chronic cardiovascular disease	20.3 %
ADMISSION SOURCES/TYPES:		Chronic liver disease	1.3 %
Referred by personal or HMO physician	52.3 %	Chronic renal disease	11.9 %
Transferred from skilled nursing facility	0.0 %	Chronic pulmonary disease	8.1 %
Admitted for elective procedure	29.4 %	Cerebrovascular degeneration	8.7 %
Admitted for emergency	36.4 %	Diabetes mellitus	11.8 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:		**MEDICARE AVERAGE LENGTH OF STAY:**	
County/City	59.2%	Hospital	9.5 Days
State	35.4%	State	7.4 Days
Outside State	5.4%	National	8.6 Days
Total	100.0%		

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:		**SPECIALTY SERVICES:**	
Total Beds	246	Burn Unit	No
Occupancy Rate	71.0 %	Cardiac Intensive Care	No
Ownership.Control	Private, Non-Profit	Comprehensive Geriatric	Yes
Medicare Discharges	30.8 %	Hospice Care	No
Case Mix Index (CMI)	1.4274	Medical/Surgical Intensive Care	Yes
STAFFING:		Organ/Tissue Transplant	Yes
Total Number of Physicians	362	Other Intensive Care	Yes
Percent of Physicians Board Certified Specialists	81.5 %	Trauma Center	No
		OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Medical Residents/Interns	0	Alcohol/Drug	No
Registered Nurses	336	Rehabilitation	Yes
Licensed Practical Nurses	1	Psychiatric	No
		Medicare Swing Beds	No

** Except for CMI

* Not used in calculating mortality rates

GOOD SAMARITAN HEALTH CENTER

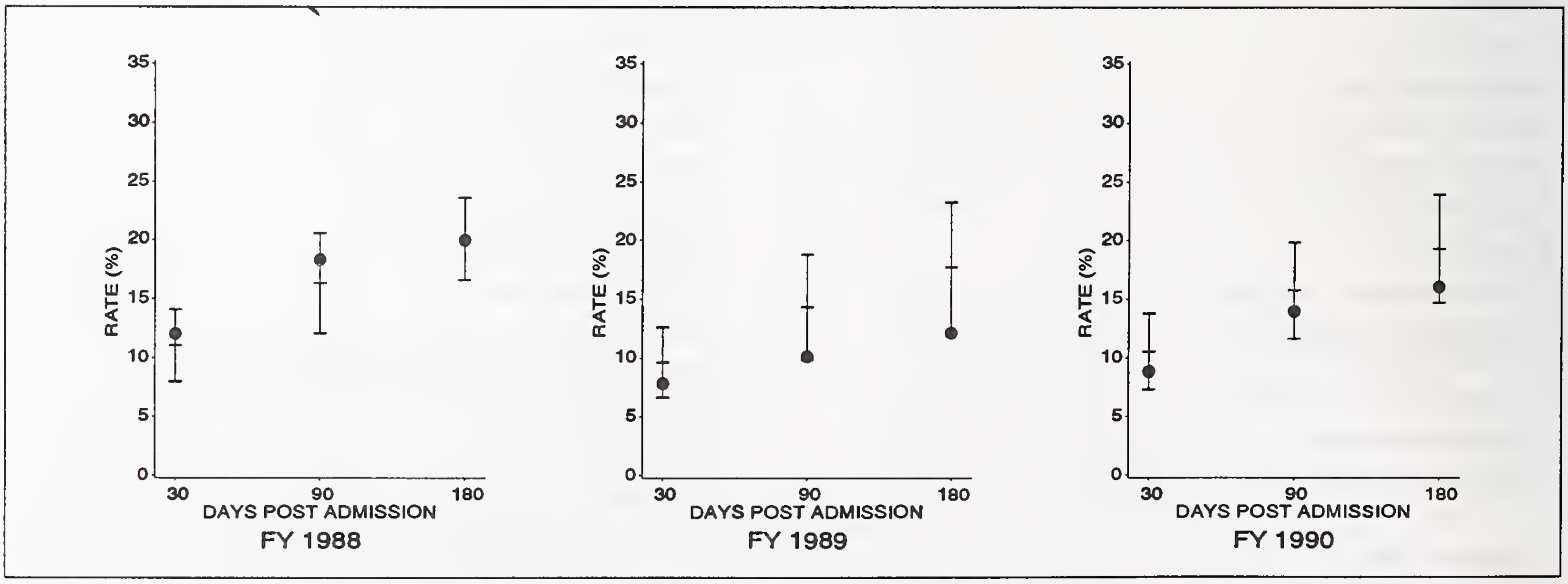
601 CENTER AVE SOUTH
MERRILL, WI 54452
Medicare Provider Number: 520015

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	475	8.8	10.5	1.6	13.9	15.7	2.1	16.0	19.3	2.3
CONDITIONS:										
Acute Myocardial Infarction	15	20.0	25.2	-----	20.0	29.2	-----	20.0	32.4	-----
Congestive Heart Failure	25	8.0	16.6	-----	16.0	25.2	-----	16.0	31.4	-----
Pneumonia/Influenza	19	10.5	20.1	-----	21.1	27.1	-----	21.1	31.2	-----
Chronic Obstructive Pulmonary Disease	5	20.0	11.2	-----	20.0	18.2	-----	20.0	23.4	-----
Transient Cerebral Ischemia	3	0.0	3.9	-----	0.0	8.6	-----	0.0	13.2	-----
Stroke	17	17.6	22.1	-----	17.6	29.5	-----	17.6	33.5	-----
Hip Fracture	16	12.5	8.9	-----	12.5	14.8	-----	12.5	18.4	-----
Sepsis	7	14.3	24.6	-----	42.9	30.8	-----	42.9	34.1	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	1.9	-----	0.0	3.7	-----	0.0	5.3	-----
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	0.0	3.6	-----	0.0	7.6	-----	0.0	10.9	-----
Open Reduction of Hip Fracture	13	15.4	8.8	-----	15.4	14.7	-----	15.4	18.1	-----
Prostatectomy	13	0.0	1.6	-----	0.0	3.7	-----	0.0	6.1	-----
Cholecystectomy	6	0.0	1.3	-----	0.0	2.1	-----	0.0	2.7	-----
Hysterectomy	6	0.0	0.1	-----	0.0	0.2	-----	0.0	0.4	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



GOOD SAMARITAN HEALTH CENTER

Medicare Provider Number: 520015

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:		COMORBIDITIES:	
Average age at admission	77.3 years	Cancer	8.8 %
Proportion female	55.4 %	Chronic cardiovascular disease	42.1 %
ADMISSION SOURCES/TYPES:		Chronic liver disease	1.5 %
Referred by personal or HMO physician	45.9 %	Chronic renal disease	2.9 %
Transferred from skilled nursing facility	6.7 %	Chronic pulmonary disease	11.4 %
Admitted for elective procedure	16.4 %	Cerebrovascular degeneration	4.4 %
Admitted for emergency	45.9 %	Diabetes mellitus	4.4 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:		MEDICARE AVERAGE LENGTH OF STAY:	
County/City	94.7%	Hospital	5.2 Days
State	4.3%	State	7.4 Days
Outside State	1.0%	National	8.6 Days
Total	100.0%		

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:		SPECIALTY SERVICES:	
Total Beds	63	Burn Unit	No
Occupancy Rate	49.0 %	Cardiac Intensive Care	No
Ownership/Control	Church	Comprehensive Geriatric	No
Medicare Discharges	43.0 %	Hospice Care	No
Case Mix Index (CMI)	1.1947	Medical/Surgical Intensive Care	Yes
STAFFING:		Organ/Tissue Transplant	No
Total Number of Physicians	13	Other Intensive Care	No
Percent of Physicians Board Certified Specialists	100.0 %	Trauma Center	No
		OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Medical Residents/Interns	0	Alcohol/Drug	No
Registered Nurses	36	Rehabilitation	No
Licensed Practical Nurses	5	Psychiatric	No
		Medicare Swing Beds	Yes

** Except for CMI

* Not used in calculating mortality rates

HARTFORD MEMORIAL HOSPITAL INC

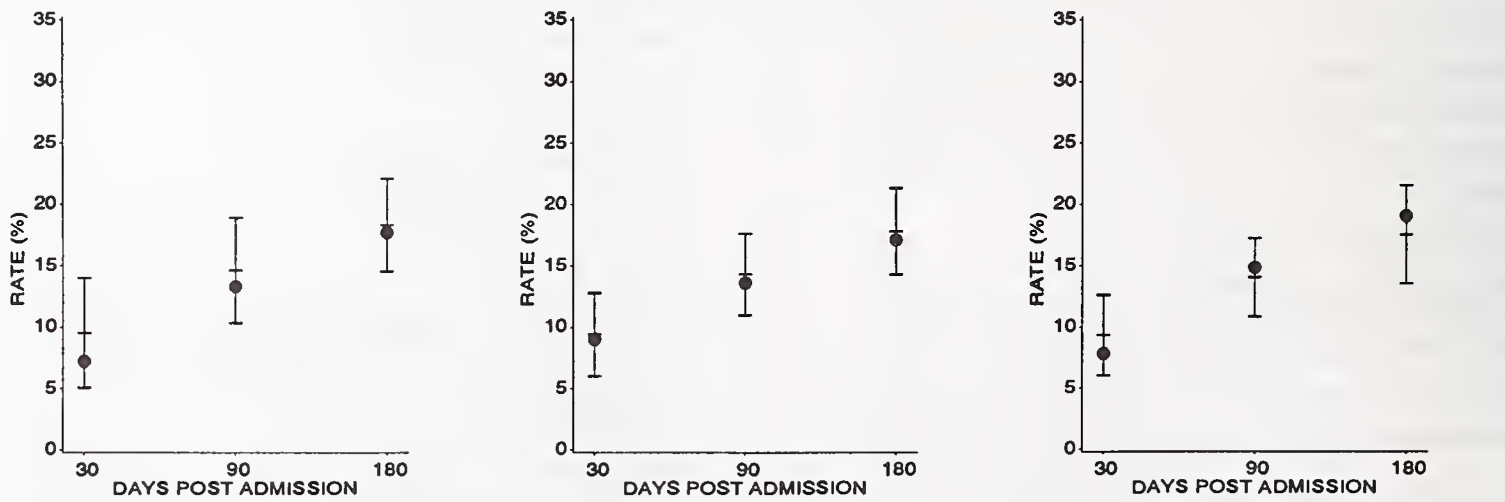
1032 EAST SUMNER STREET
HARTFORD, WI 53027
Medicare Provider Number: 520038

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	499	7.8	9.3	1.6	14.8	14.0	1.6	19.0	17.5	2.0
CONDITIONS:										
Acute Myocardial Infarction	15	20.0	31.4	-----	33.3	34.7	-----	33.3	37.3	-----
Congestive Heart Failure	38	21.1	16.3	-----	34.2	24.7	-----	39.5	30.9	-----
Pneumonia/Influenza	27	14.8	17.2	-----	22.2	23.3	-----	22.2	27.2	-----
Chronic Obstructive Pulmonary Disease	6	0.0	6.8	-----	0.0	11.4	-----	0.0	15.5	-----
Transient Cerebral Ischemia	8	0.0	1.2	-----	12.5	2.9	-----	12.5	4.9	-----
Stroke	26	19.2	19.6	-----	26.9	26.4	-----	42.3	30.8	-----
Hip Fracture	11	0.0	6.8	-----	0.0	12.1	-----	18.2	16.2	-----
Sepsis	5	20.0	27.4	-----	40.0	37.0	-----	40.0	42.2	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	5	0.0	3.3	-----	20.0	5.4	-----	20.0	7.0	-----
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	14	0.0	2.4	-----	7.1	4.6	-----	7.1	6.6	-----
Open Reduction of Hip Fracture	6	0.0	7.5	-----	0.0	13.9	-----	33.3	18.6	-----
Prostatectomy	12	0.0	0.5	-----	8.3	1.1	-----	8.3	2.0	-----
Cholecystectomy	5	20.0	4.6	-----	20.0	7.7	-----	20.0	9.5	-----
Hysterectomy	4	0.0	0.1	-----	0.0	0.2	-----	0.0	0.3	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

HARTFORD MEMORIAL HOSPITAL INC
Medicare Provider Number: 520038

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:		COMORBIDITIES:	
Average age at admission	76.0 years	Cancer	7.8 %
Proportion female	55.6 %	Chronic cardiovascular disease	43.6 %
ADMISSION SOURCES/TYPES:		Chronic liver disease	1.4 %
Referred by personal or HMO physician	54.2 %	Chronic renal disease	1.6 %
Transferred from skilled nursing facility	3.6 %	Chronic pulmonary disease	14.4 %
Admitted for elective procedure	18.0 %	Cerebrovascular degeneration	2.2 %
Admitted for emergency	4.6 %	Diabetes mellitus	8.0 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:		MEDICARE AVERAGE LENGTH OF STAY:	
County/City	70.9%	Hospital	8.2 Days
State	26.8%	State	7.4 Days
Outside State	2.3%	National	8.6 Days
Total	100.0%		

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1989

PROFILE:		SPECIALTY SERVICES:	
Total Beds	55	Burn Unit	No
Occupancy Rate	58.0 %	Cardiac Intensive Care	No
Ownership.Control	Private, Non-Profit	Comprehensive Geriatric	Yes
Medicare Discharges	43.0 %	Hospice Care	No
Case Mix Index (CMI)	1.2282	Medical/Surgical Intensive Care	Yes
STAFFING:		Organ/Tissue Transplant	No
Total Number of Physicians	25	Other Intensive Care	No
Percent of Physicians Board Certified Specialists	92.0 %	Trauma Center	No
		OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Medical Residents/Interns	0	Alcohol/Drug	No
Registered Nurses	51	Rehabilitation	No
Licensed Practical Nurses	4	Psychiatric	No
		Medicare Swing Beds	Yes

** Except for CMI

* Not used in calculating mortality rates

HAYWARD AREA MEMORIAL HOSPITAL

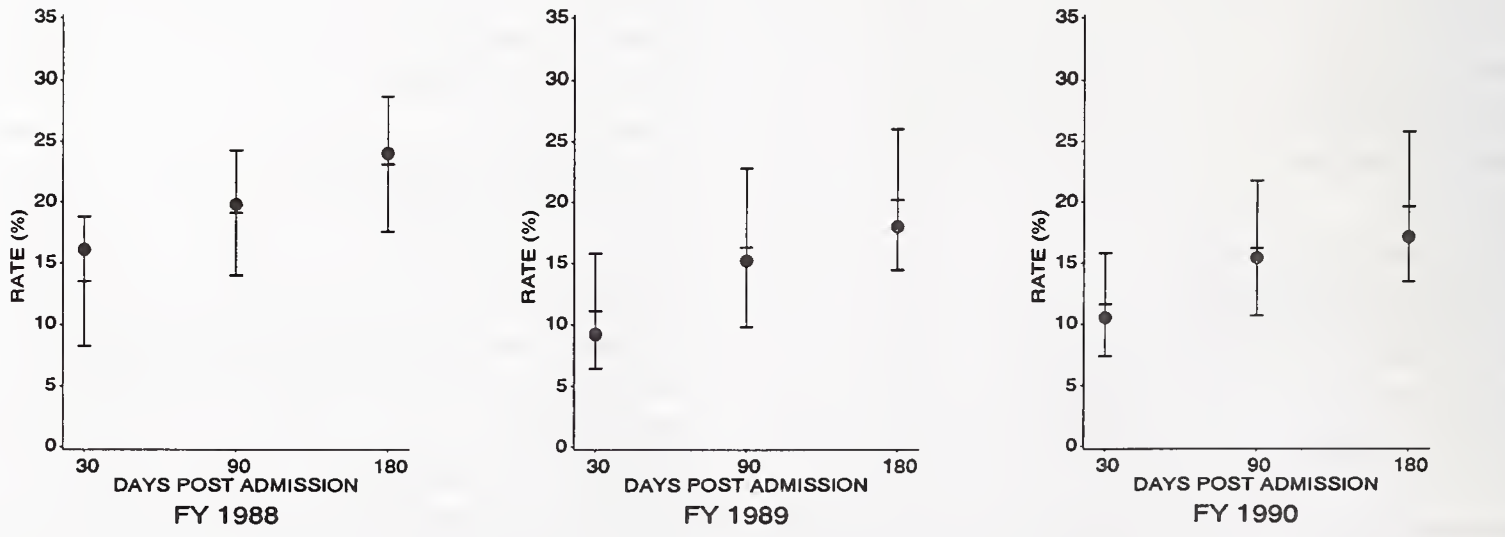
ROUTE 3, BOX 3999
HAYWARD, WI 54843
Medicare Provider Number: 520161

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD*	90 DAYS OBS	PRED	SD*	180 DAYS OBS	PRED	SD*
ALL CAUSES	286	10.5	11.6	2.1	15.4	16.2	2.8	17.1	19.6	3.1
CONDITIONS:										
Acute Myocardial Infarction	19	21.1	30.7	-----	21.1	33.6	-----	21.1	36.3	-----
Congestive Heart Failure	20	5.0	13.5	-----	10.0	21.1	-----	15.0	26.5	-----
Pneumonia/Influenza	21	4.8	14.1	-----	9.5	19.1	-----	9.5	23.3	-----
Chronic Obstructive Pulmonary Disease	5	0.0	11.1	-----	0.0	17.5	-----	0.0	22.4	-----
Transient Cerebral Ischemia	9	0.0	1.6	-----	11.1	3.6	-----	11.1	6.0	-----
Stroke	15	13.3	19.7	-----	26.7	25.7	-----	26.7	29.9	-----
Hip Fracture	1	0.0	0.9	-----	0.0	1.4	-----	0.0	1.8	-----
Sepsis	7	0.0	15.2	-----	0.0	20.3	-----	28.6	23.6	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	11	9.1	3.2	-----	9.1	5.2	-----	9.1	6.3	-----
Hysterectomy	2	0.0	1.3	-----	0.0	2.6	-----	0.0	4.1	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



HAYWARD AREA MEMORIAL HOSPITAL
Medicare Provider Number: 520161

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	76.3 years
Proportion female	52.3 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	23.7 %
Transferred from skilled nursing facility	2.8 %
Admitted for elective procedure	2.1 %
Admitted for emergency	23.7 %

COMORBIDITIES:	
Cancer	3.8 %
Chronic cardiovascular disease	42.5 %
Chronic liver disease	1.7 %
Chronic renal disease	0.3 %
Chronic pulmonary disease	19.2 %
Cerebrovascular degeneration	3.5 %
Diabetes mellitus	11.5 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	78.9%
State	13.4%
Outside State	7.7%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	5.5 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	117
Occupancy Rate	70.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	23.3 %
Case Mix Index (CMI)	1.1193
STAFFING:	
Total Number of Physicians	11
Percent of Physicians Board Certified Specialists	81.8 %
Medical Residents/Interns	0
Registered Nurses	17
Licensed Practical Nurses	6

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

** Except for CMI

* Not used in calculating mortality rates

HESS MEMORIAL HOSPITAL

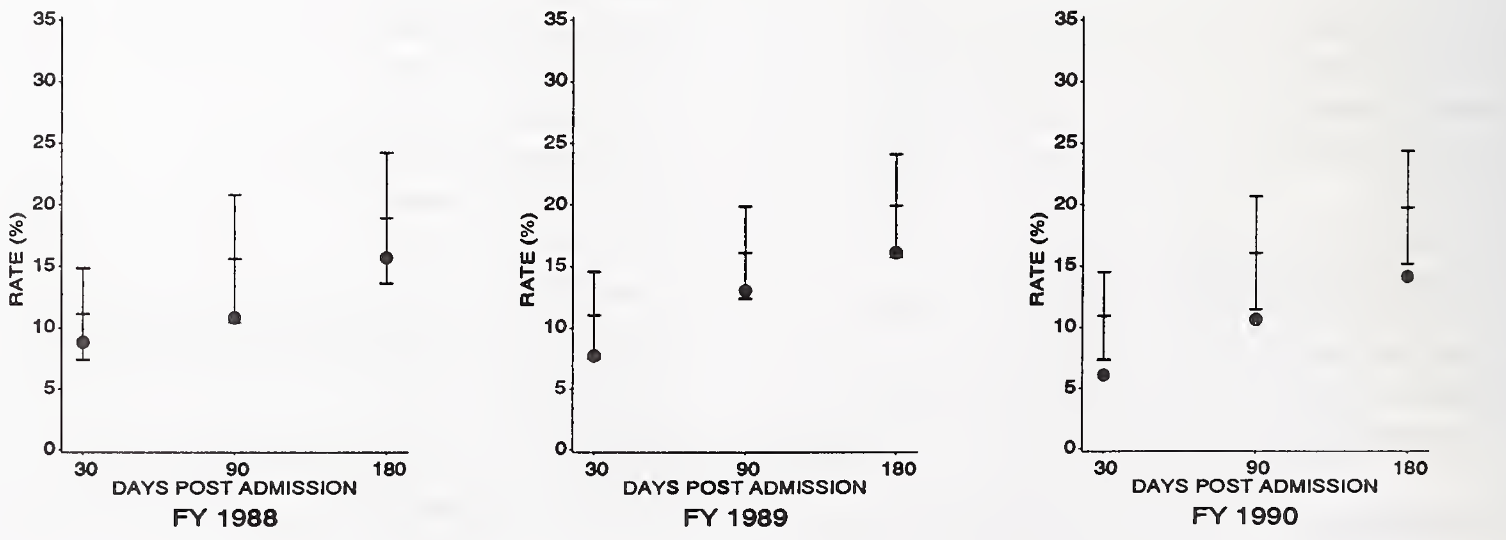
1050 DIVISION ST
MAUSTON, WI 53948
Medicare Provider Number: 520109

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	511	6.1	10.9	1.8	10.6	16.0	2.3	14.1	19.7	2.3
CONDITIONS:										
Acute Myocardial Infarction	18	22.2	29.6	-----	27.8	32.5	-----	27.8	35.4	-----
Congestive Heart Failure	40	2.5	14.2	-----	10.0	22.9	-----	15.0	29.2	-----
Pneumonia/Influenza	31	9.7	20.7	-----	19.4	28.3	-----	19.4	33.1	-----
Chronic Obstructive Pulmonary Disease	7	0.0	3.9	-----	0.0	7.2	-----	14.3	10.6	-----
Transient Cerebral Ischemia	4	0.0	2.1	-----	25.0	4.3	-----	25.0	6.9	-----
Stroke	20	10.0	24.3	-----	15.0	30.7	-----	15.0	34.5	-----
Hip Fracture	8	0.0	7.2	-----	0.0	13.9	-----	0.0	18.8	-----
Sepsis	10	10.0	29.2	-----	30.0	38.0	-----	40.0	42.7	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	6	0.0	3.2	-----	0.0	6.3	-----	0.0	8.5	-----
Open Reduction of Hip Fracture	3	0.0	11.2	-----	0.0	23.1	-----	0.0	32.2	-----
Prostatectomy	15	6.7	1.5	-----	13.3	3.7	-----	20.0	6.6	-----
Cholecystectomy	3	0.0	1.4	-----	0.0	2.4	-----	0.0	3.2	-----
Hysterectomy	7	0.0	0.1	-----	0.0	0.2	-----	0.0	0.4	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



HESS MEMORIAL HOSPITAL

Medicare Provider Number: 520109

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	75.6 years
Proportion female	55.2 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	24.9 %
Transferred from skilled nursing facility	0.6 %
Admitted for elective procedure	0.2 %
Admitted for emergency	72.0 %

COMORBIDITIES:	
Cancer	7.2 %
Chronic cardiovascular disease	45.6 %
Chronic liver disease	1.4 %
Chronic renal disease	3.1 %
Chronic pulmonary disease	16.8 %
Cerebrovascular degeneration	6.3 %
Diabetes mellitus	7.6 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	88.8%
State	8.3%
Outside State	2.9%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	5.5 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	100
Occupancy Rate	79.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	47.2 %
Case Mix Index (CMI)	1.0969
STAFFING:	
Total Number of Physicians	10
Percent of Physicians Board Certified Specialists	90.0 %
Medical Residents/Interns	0
Registered Nurses	40
Licensed Practical Nurses	1

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

** Except for CMI

*** Not used in calculating mortality rates**

HOLY FAMILY HOSPITAL

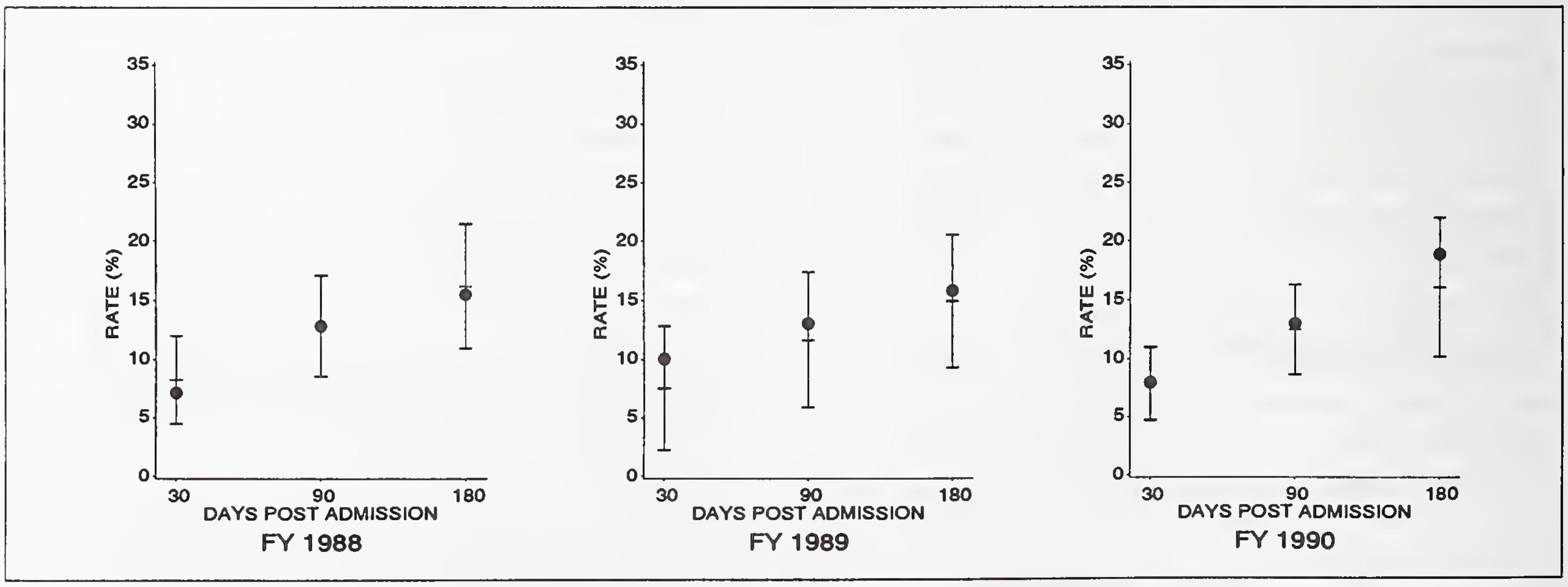
535 HOSPITAL ROAD
NEW RICHMOND, WI 54017
Medicare Provider Number: 520026

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	303	7.9	7.8	1.6	12.9	12.4	1.9	18.8	16.0	3.0
CONDITIONS:										
Acute Myocardial Infarction	10	10.0	21.1	-----	20.0	23.9	-----	20.0	26.4	-----
Congestive Heart Failure	14	14.3	18.3	-----	28.6	28.3	-----	50.0	35.3	-----
Pneumonia/Influenza	19	36.8	15.4	-----	36.8	21.7	-----	47.4	26.1	-----
Chronic Obstructive Pulmonary Disease	2	0.0	6.2	-----	0.0	13.0	-----	0.0	19.1	-----
Transient Cerebral Ischemia	5	0.0	1.9	-----	0.0	4.4	-----	0.0	7.5	-----
Stroke	10	20.0	25.7	-----	20.0	32.5	-----	50.0	36.8	-----
Hip Fracture	7	0.0	8.8	-----	0.0	15.4	-----	28.6	20.0	-----
Sepsis	3	33.3	40.1	-----	33.3	48.2	-----	33.3	54.8	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	6.6	-----	0.0	13.3	-----	0.0	19.4	-----
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	0.0	2.3	-----	0.0	4.6	-----	25.0	6.8	-----
Open Reduction of Hip Fracture	4	0.0	7.4	-----	0.0	13.1	-----	25.0	17.0	-----
Prostatectomy	11	9.1	0.8	-----	9.1	1.8	-----	9.1	3.2	-----
Cholecystectomy	5	0.0	1.6	-----	0.0	2.9	-----	0.0	3.9	-----
Hysterectomy	4	0.0	1.6	-----	0.0	3.7	-----	0.0	5.8	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



HOLY FAMILY HOSPITAL

Medicare Provider Number: 520026

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	76.7 years
Proportion female	58.1 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	45.2 %
Transferred from skilled nursing facility	9.6 %
Admitted for elective procedure	2.0 %
Admitted for emergency	10.6 %

COMORBIDITIES:

Cancer	4.0 %
Chronic cardiovascular disease	39.3 %
Chronic liver disease	1.0 %
Chronic renal disease	3.3 %
Chronic pulmonary disease	10.2 %
Cerebrovascular degeneration	6.9 %
Diabetes mellitus	5.9 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	88.8%
State	9.9%
Outside State	1.3%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	6.5 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: Health Care Financing Administration (OSCAR)** - Survey Year 1991

PROFILE:

Total Beds	40
Ownership/Control	Church
Case Mix Index (CMI)	1.0168

STAFFING:

Medical Residents/Interns	0
Registered Nurses	1
Licensed Practical Nurses	0

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	No
Hospice Care	No
Intensive Care Unit	No
Organ Transplant	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

** Except for CMI

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* Not used in calculating mortality rates

HOLY FAMILY MEDICAL CENTER

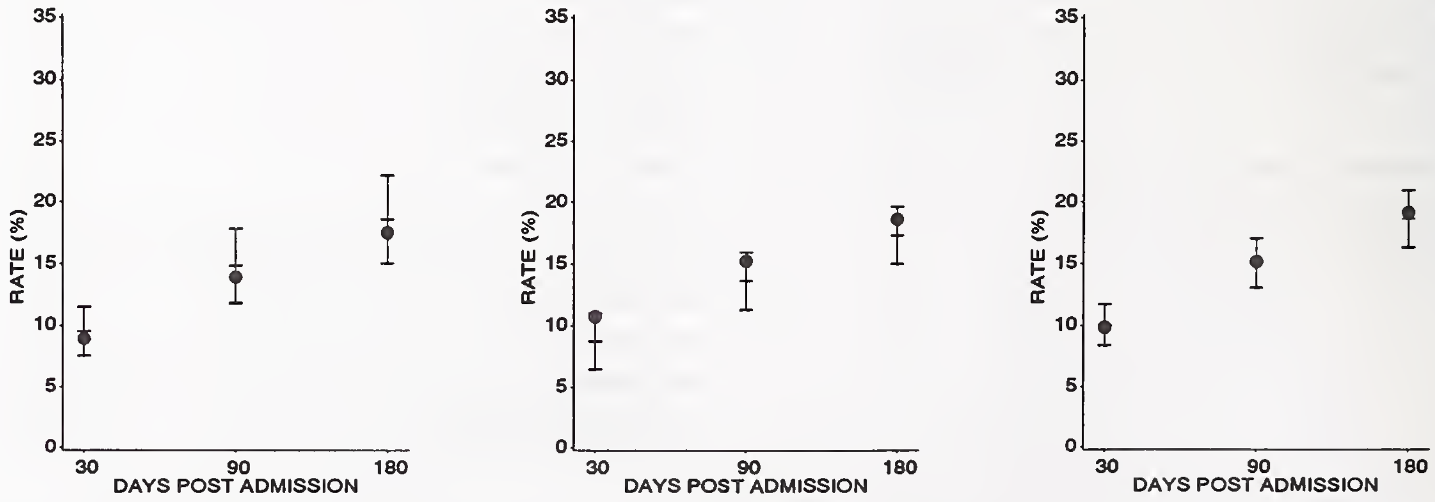
2300 WESTERN AVENUE
MANITOWOC, WI 54220
Medicare Provider Number: 520107

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

		MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
CATEGORY	NUMBER OF CASES	OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	1318	9.8	10.0	0.8	15.1	15.0	1.0	19.1	18.6	1.2
CONDITIONS:										
Acute Myocardial Infarction	44	43.2	26.2	-----	47.7	29.6	-----	47.7	32.7	-----
Congestive Heart Failure	55	10.9	14.7	6.5	23.6	23.4	7.6	29.1	29.9	7.5
Pneumonia/Influenza	61	24.6	18.1	8.5	34.4	24.5	8.9	42.6	28.8	10.5
Chronic Obstructive Pulmonary Disease	20	5.0	6.7	-----	5.0	11.9	-----	10.0	16.4	-----
Transient Cerebral Ischemia	21	0.0	2.0	-----	0.0	4.3	-----	0.0	6.7	-----
Stroke	46	17.4	16.7	-----	26.1	23.8	-----	28.3	27.7	-----
Hip Fracture	26	11.5	6.5	-----	15.4	11.2	-----	15.4	14.3	-----
Sepsis	61	26.2	31.5	10.3	36.1	40.6	8.6	42.6	45.8	7.4
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	8.1	-----	0.0	14.0	-----	0.0	18.1	-----
Carotid Endarterectomy	16	0.0	1.1	-----	0.0	2.1	-----	0.0	3.2	-----
Hip Replacement/Reconstruction	26	11.5	3.6	-----	11.5	6.3	-----	11.5	8.3	-----
Open Reduction of Hip Fracture	5	0.0	6.5	-----	0.0	12.0	-----	0.0	15.3	-----
Prostatectomy	31	6.5	0.8	-----	6.5	1.9	-----	9.7	3.5	-----
Cholecystectomy	25	4.0	4.7	-----	12.0	8.0	-----	20.0	10.0	-----
Hysterectomy	14	0.0	0.7	-----	0.0	1.7	-----	0.0	2.8	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988 FY 1989 FY 1990

HOLY FAMILY MEDICAL CENTER
Medicare Provider Number: 520107

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	74.7 years
Proportion female	54.1 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	54.0 %
Transferred from skilled nursing facility	2.0 %
Admitted for elective procedure	33.2 %
Admitted for emergency	39.0 %

COMORBIDITIES:

Cancer	10.9 %
Chronic cardiovascular disease	33.0 %
Chronic liver disease	1.1 %
Chronic renal disease	3.2 %
Chronic pulmonary disease	10.3 %
Cerebrovascular degeneration	6.4 %
Diabetes mellitus	8.3 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	92.5%
State	5.8%
Outside State	1.7%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	7.7 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1989

PROFILE:

Total Beds	161
Occupancy Rate	55.0 %
Ownership/Control	Church
Medicare Discharges	39.4 %
Case Mix Index (CMI)	1.2743

STAFFING:

Total Number of Physicians	69
Percent of Physicians Board Certified Specialists	88.4 %
Medical Residents/Interns	0
Registered Nurses	129
Licensed Practical Nurses	15

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	Yes
Rehabilitation	Yes
Psychiatric	Yes
Medicare Swing Beds	No

** Except for CMI

* Not used in calculating mortality rates

HOWARD YOUNG MEDICAL CENTER

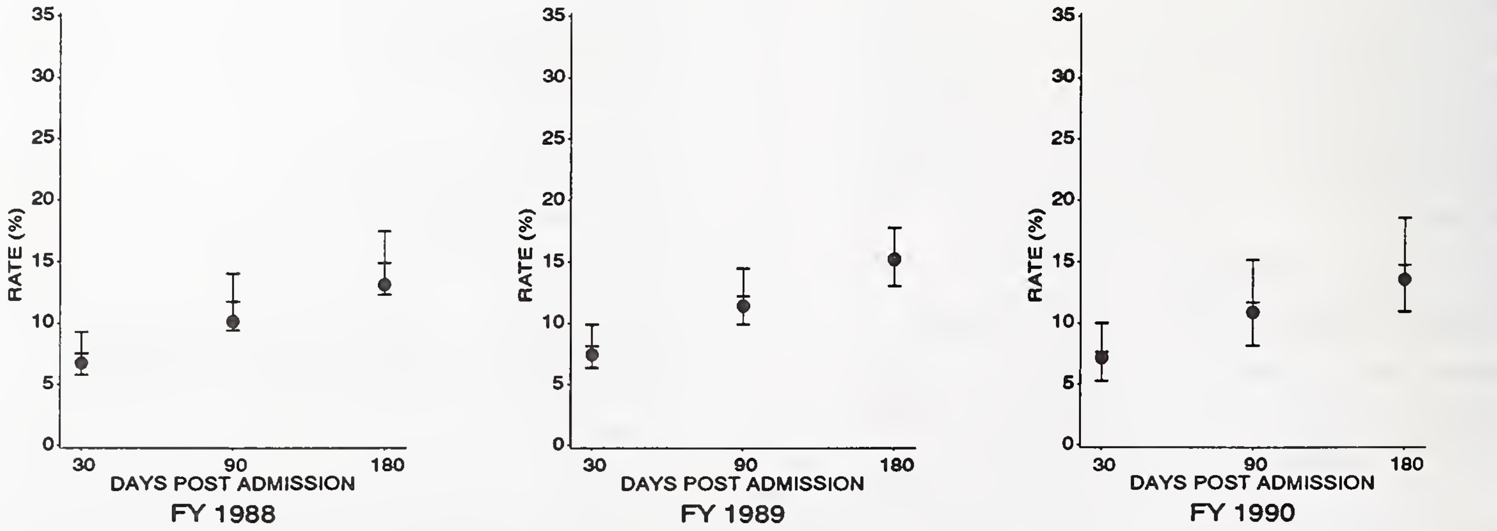
240 MAPLE ST, BOX 470
WOODRUFF, WI 54568
Medicare Provider Number: 520091

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	1124	7.1	7.6	1.2	10.8	11.6	1.8	13.5	14.7	1.9
CONDITIONS:										
Acute Myocardial Infarction	32	18.8	30.6	-----	21.9	33.7	-----	28.1	36.6	-----
Congestive Heart Failure	43	23.3	13.8	-----	27.9	21.8	-----	27.9	28.4	-----
Pneumonia/Influenza	41	17.1	16.5	-----	22.0	23.0	-----	22.0	27.1	-----
Chronic Obstructive Pulmonary Disease	15	13.3	8.8	-----	13.3	15.4	-----	13.3	20.5	-----
Transient Cerebral Ischemia	15	0.0	2.0	-----	0.0	4.6	-----	0.0	7.5	-----
Stroke	40	20.0	16.9	-----	27.5	22.5	-----	27.5	26.5	-----
Hip Fracture	31	9.7	5.8	-----	12.9	10.0	-----	12.9	13.0	-----
Sepsis	10	10.0	24.1	-----	20.0	30.3	-----	20.0	35.0	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	2.4	-----	0.0	4.6	-----	0.0	6.6	-----
Carotid Endarterectomy	12	0.0	1.0	-----	0.0	2.1	-----	8.3	3.3	-----
Hip Replacement/Reconstruction	48	0.0	1.9	-----	0.0	3.7	-----	0.0	5.2	-----
Open Reduction of Hip Fracture	2	0.0	3.5	-----	0.0	6.1	-----	0.0	8.5	-----
Prostatectomy	80	0.0	0.7	1.1	1.2	1.6	1.4	2.5	2.8	1.9
Cholecystectomy	22	0.0	2.3	-----	4.5	4.2	-----	4.5	5.9	-----
Hysterectomy	14	0.0	0.2	-----	0.0	0.4	-----	0.0	0.7	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

HOWARD YOUNG MEDICAL CENTER
Medicare Provider Number: 520091

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	74.3 years
Proportion female	48.1 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	43.1 %
Transferred from skilled nursing facility	0.2 %
Admitted for elective procedure	27.0 %
Admitted for emergency	12.3 %

COMORBIDITIES:

Cancer	6.5 %
Chronic cardiovascular disease	32.7 %
Chronic liver disease	1.1 %
Chronic renal disease	3.4 %
Chronic pulmonary disease	15.1 %
Cerebrovascular degeneration	2.6 %
Diabetes mellitus	10.1 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	38.4%
State	48.9%
Outside State	12.7%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	6.1 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	60
Occupancy Rate	78.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	57.1 %
Case Mix Index (CMI)	1.2734

STAFFING:

Total Number of Physicians	40
Percent of Physicians Board Certified Specialists	92.5 %
Medical Residents/Interns	0
Registered Nurses	83
Licensed Practical Nurses	8

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	Yes
Psychiatric	No
Medicare Swing Beds	No

** Except for CMI

* Not used in calculating mortality rates

HUDSON MEMORIAL HOSPITAL INC

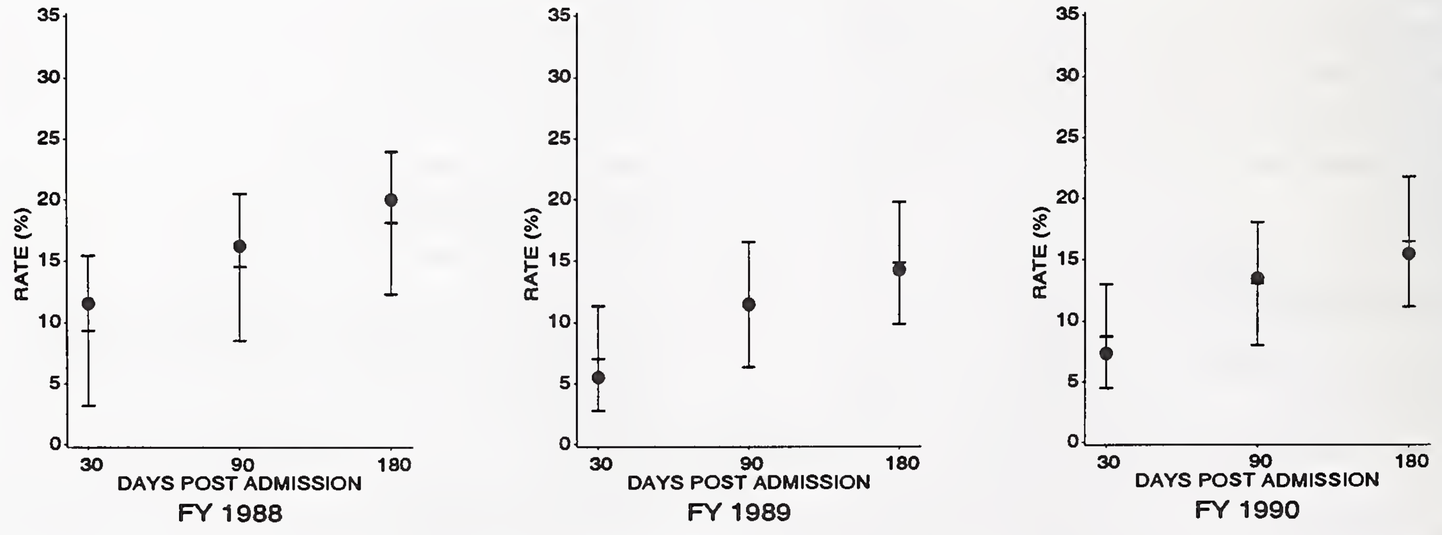
400 WISCONSIN STREET
HUDSON, WI 54016
Medicare Provider Number: 520156

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD*	90 DAYS OBS	PRED	SD*	180 DAYS OBS	PRED	SD*
ALL CAUSES	246	7.3	8.7	2.1	13.4	13.0	2.5	15.4	16.4	2.7
CONDITIONS:										
Acute Myocardial Infarction	9	0.0	30.4	-----	11.1	33.6	-----	22.2	36.6	-----
Congestive Heart Failure	13	15.4	16.2	-----	46.2	25.2	-----	46.2	31.2	-----
Pneumonia/Influenza	22	18.2	17.6	-----	27.3	25.4	-----	27.3	30.7	-----
Chronic Obstructive Pulmonary Disease	2	0.0	15.3	-----	50.0	34.2	-----	50.0	49.7	-----
Transient Cerebral Ischemia	6	0.0	1.2	-----	0.0	2.8	-----	0.0	4.7	-----
Stroke	14	21.4	21.0	-----	28.6	28.0	-----	28.6	32.9	-----
Hip Fracture	5	0.0	3.6	-----	0.0	6.8	-----	0.0	9.2	-----
Sepsis	2	50.0	29.6	-----	50.0	35.3	-----	50.0	40.0	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	6	0.0	2.5	-----	0.0	5.0	-----	0.0	6.9	-----
Open Reduction of Hip Fracture	1	0.0	2.2	-----	0.0	4.0	-----	0.0	5.2	-----
Prostatectomy	11	0.0	0.5	-----	0.0	1.1	-----	0.0	1.8	-----
Cholecystectomy	4	0.0	0.9	-----	0.0	1.7	-----	0.0	2.3	-----
Hysterectomy	1	0.0	0.1	-----	0.0	0.1	-----	0.0	0.2	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



HUDSON MEMORIAL HOSPITAL INC

Medicare Provider Number: 520156

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	77.4 years
Proportion female	59.8 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	51.2 %
Transferred from skilled nursing facility	10.2 %
Admitted for elective procedure	18.3 %
Admitted for emergency	4.5 %

COMORBIDITIES:	
Cancer	4.1 %
Chronic cardiovascular disease	30.1 %
Chronic liver disease	0.8 %
Chronic renal disease	3.3 %
Chronic pulmonary disease	14.6 %
Cerebrovascular degeneration	5.3 %
Diabetes mellitus	10.2 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	73.5%
State	13.1%
Outside State	13.4%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	4.6 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1989

PROFILE:	
Total Beds	38
Occupancy Rate	76.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	25.9 %
Case Mix Index (CMI)	1.0667
STAFFING:	
Total Number of Physicians	17
Percent of Physicians Board Certified Specialists	82.4 %
Medical Residents/Interns	0
Registered Nurses	49
Licensed Practical Nurses	4

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	Yes
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

** Except for CMI

* Not used in calculating mortality rates

INDIANHEAD MEDICAL CENTER

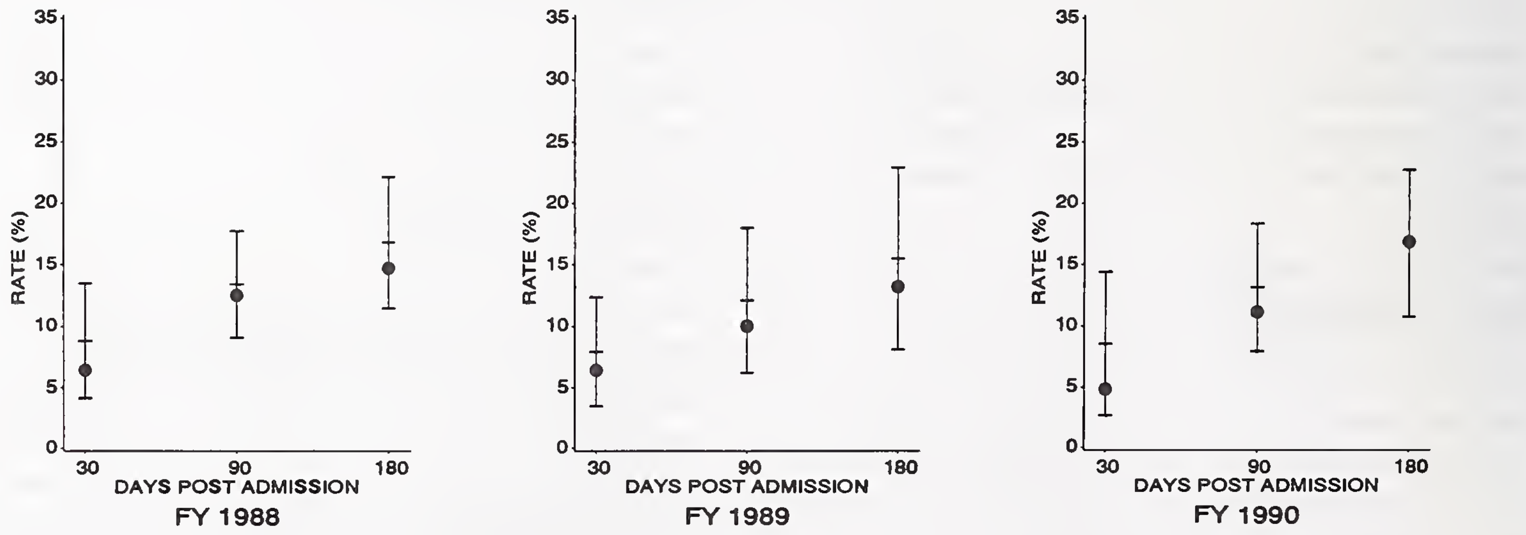
215 4TH AVE WEST
SHELL LAKE, WI 54871
Medicare Provider Number: 520135

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	208	4.8	8.5	2.9	11.1	13.1	2.6	16.8	16.7	3.0
CONDITIONS:										
Acute Myocardial Infarction	9	33.3	28.9	-----	33.3	32.5	-----	33.3	35.2	-----
Congestive Heart Failure	12	16.7	15.1	-----	33.3	25.4	-----	50.0	32.3	-----
Pneumonia/Influenza	19	5.3	13.4	-----	15.8	18.2	-----	21.1	21.7	-----
Chronic Obstructive Pulmonary Disease	4	0.0	4.9	-----	0.0	9.1	-----	25.0	13.1	-----
Transient Cerebral Ischemia	6	0.0	1.5	-----	0.0	3.7	-----	0.0	6.3	-----
Stroke	3	0.0	20.8	-----	0.0	25.7	-----	0.0	29.3	-----
Hip Fracture	4	0.0	4.8	-----	0.0	8.9	-----	0.0	11.5	-----
Sepsis	1	100.0	65.2	-----	100.0	77.7	-----	100.0	83.6	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	5.7	-----	0.0	9.2	-----	0.0	12.0	-----
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	3.9	-----	0.0	7.4	-----	0.0	9.7	-----
Open Reduction of Hip Fracture	2	0.0	4.9	-----	0.0	9.3	-----	0.0	12.3	-----
Prostatectomy	0									
Cholecystectomy	1	0.0	0.7	-----	0.0	1.4	-----	0.0	2.1	-----
Hysterectomy	0									

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

INDIANHEAD MEDICAL CENTER

Medicare Provider Number: 520135

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:		COMORBIDITIES:	
Average age at admission	77.6 years	Cancer	6.3 %
Proportion female	61.1 %	Chronic cardiovascular disease	25.0 %
ADMISSION SOURCES/TYPES:		Chronic liver disease	1.4 %
Referred by personal or HMO physician	38.0 %	Chronic renal disease	1.9 %
Transferred from skilled nursing facility	0.0 %	Chronic pulmonary disease	13.0 %
Admitted for elective procedure	2.9 %	Cerebrovascular degeneration	6.3 %
Admitted for emergency	53.8 %	Diabetes mellitus	6.7 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:		MEDICARE AVERAGE LENGTH OF STAY:	
County/City	57.7%	Hospital	4.8 Days
State	40.5%	State	7.4 Days
Outside State	1.8%	National	8.6 Days
Total	100.0%		

HOSPITAL CHARACTERISTICS*

SOURCE: Health Care Financing Administration (OSCAR)** - Survey Year 1990

PROFILE:		SPECIALTY SERVICES:	
Total Beds	70	Burn Unit	No
Ownership/Control	Private, For Profit	Coronary Care Unit	Yes
Case Mix Index (CMI)	0.9904	Hospice Care	No
STAFFING:		Intensive Care Unit	Yes
Medical Residents/Interns	0	Organ Transplant	No
Registered Nurses	13	Trauma Center	No
Licensed Practical Nurses	8	OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
		Alcohol/Drug	No
		Rehabilitation	No
		Psychiatric	No
		Medicare Swing Beds	Yes

** Except for CMI

* Not used in calculating mortality rates

IOLA HOSPITAL

185 SOUTH WASHINGTON STREET
IOLA, WI 54945
Medicare Provider Number: 520105

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	39	10.3	13.9	-----	12.8	20.3	-----	15.4	23.5	-----
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	32.4	-----	0.0	34.4	-----	0.0	36.6	-----
Congestive Heart Failure	1	100.0	22.9	-----	100.0	39.6	-----	100.0	47.3	-----
Pneumonia/Influenza	5	20.0	14.9	-----	20.0	21.6	-----	20.0	24.6	-----
Chronic Obstructive Pulmonary Disease	2	0.0	17.9	-----	0.0	28.1	-----	0.0	33.0	-----
Transient Cerebral Ischemia	0									
Stroke	4	0.0	20.8	-----	25.0	27.5	-----	25.0	31.0	-----
Hip Fracture	1	0.0	6.1	-----	0.0	11.6	-----	0.0	15.2	-----
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES

No Graphs are presented when the standard deviation
was not computed for one or more of the three fiscal years,
(1988, 1989, or 1990)

IOLA HOSPITAL

Medicare Provider Number: 520105

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	78.7 years
Proportion female	56.4 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	61.5 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	0.0 %
Admitted for emergency	28.2 %

COMORBIDITIES:	
Cancer	2.6 %
Chronic cardiovascular disease	17.9 %
Chronic liver disease	0.0 %
Chronic renal disease	2.6 %
Chronic pulmonary disease	12.8 %
Cerebrovascular degeneration	2.6 %
Diabetes mellitus	5.1 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	81.1%
State	17.0%
Outside State	1.9%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	6.0 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: Health Care Financing Administration (OSCAR)** - Survey Year 1989

PROFILE:	
Total Beds	24
Ownership.Control	Private, Non-Profit
Case Mix Index (CMI)	1.0055
STAFFING:	
Medical Residents/Interns	1
Registered Nurses	8
Licensed Practical Nurses	4

SPECIALTY SERVICES:	
Burn Unit	No
Coronary Care Unit	No
Hospice Care	Yes
Intensive Care Unit	No
Organ Transplant	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

** Except for CMI

* Not used in calculating mortality rates

KAUKAUNA COMMUNITY HOSPITAL

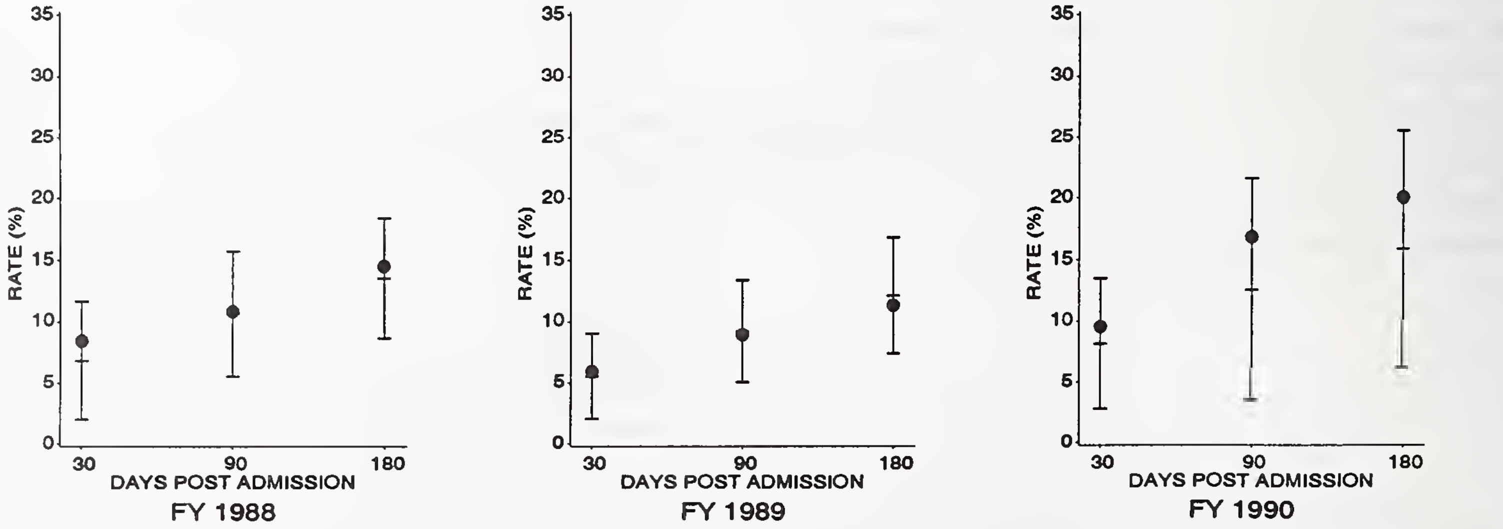
308 EAST 14TH STREET
KAUKAUNA, WI 54130
Medicare Provider Number: 520141

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	190	9.5	8.1	2.7	16.8	12.5	4.5	20.0	15.8	4.9
CONDITIONS:										
Acute Myocardial Infarction	3	33.3	23.9	-----	33.3	28.1	-----	33.3	33.0	-----
Congestive Heart Failure	8	0.0	12.5	-----	12.5	19.7	-----	12.5	26.1	-----
Pneumonia/Influenza	15	26.7	15.9	-----	33.3	21.4	-----	33.3	25.2	-----
Chronic Obstructive Pulmonary Disease	8	0.0	5.4	-----	12.5	10.2	-----	12.5	13.8	-----
Transient Cerebral Ischemia	1	0.0	1.5	-----	0.0	3.2	-----	0.0	5.1	-----
Stroke	5	0.0	11.0	-----	20.0	16.8	-----	20.0	20.9	-----
Hip Fracture	8	12.5	5.7	-----	37.5	10.3	-----	37.5	13.6	-----
Sepsis	2	0.0	17.0	-----	0.0	22.2	-----	50.0	25.4	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	33.3	6.7	-----	33.3	11.9	-----	33.3	15.5	-----
Open Reduction of Hip Fracture	2	0.0	3.1	-----	50.0	5.9	-----	50.0	8.4	-----
Prostatectomy	7	0.0	1.2	-----	0.0	2.9	-----	14.3	5.1	-----
Cholecystectomy	2	0.0	6.4	-----	50.0	11.0	-----	50.0	13.2	-----
Hysterectomy	1	0.0	0.6	-----	0.0	1.4	-----	0.0	2.1	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



KAUKAUNA COMMUNITY HOSPITAL
Medicare Provider Number: 520141

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	77.2 years
Proportion female	48.9 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	74.7 %
Transferred from skilled nursing facility	0.5 %
Admitted for elective procedure	28.4 %
Admitted for emergency	41.6 %

COMORBIDITIES:	
Cancer	10.5 %
Chronic cardiovascular disease	23.7 %
Chronic liver disease	1.1 %
Chronic renal disease	1.6 %
Chronic pulmonary disease	12.1 %
Cerebrovascular degeneration	2.6 %
Diabetes mellitus	2.6 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	84.3%
State	15.3%
Outside State	0.4%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	6.8 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	40
Occupancy Rate	46.0 %
Ownership/Control	Church
Medicare Discharges	(Not Available)
Case Mix Index (CMI)	1.1260
STAFFING:	
Total Number of Physicians	15
Percent of Physicians Board Certified Specialists	80.0 %
Medical Residents/Interns	0
Registered Nurses	24
Licensed Practical Nurses	8

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

** Except for CMI

* Not used in calculating mortality rates

KENOSHA HOSPITAL & MEDICAL CENTER

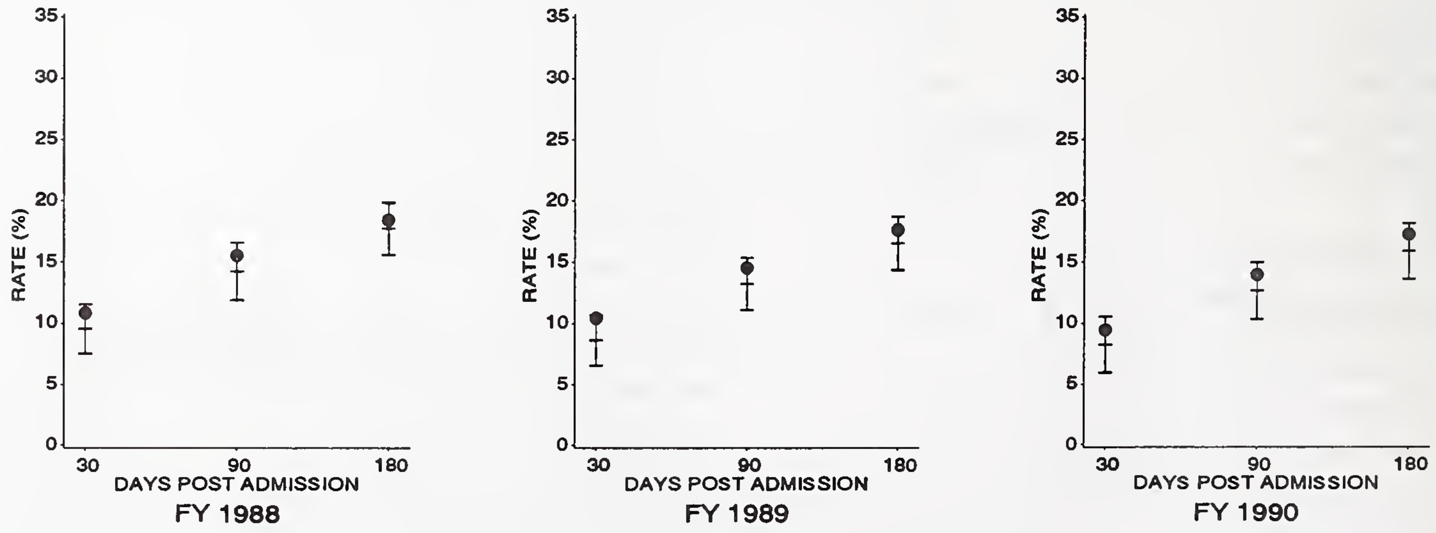
6308 8TH AVE
KENOSHA, WI 53140
Medicare Provider Number: 520021

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	1514	9.4	8.2	1.1	13.9	12.6	1.2	17.2	15.8	1.1
CONDITIONS:										
Acute Myocardial Infarction	40	30.0	22.3	-----	32.5	25.3	-----	35.0	28.0	-----
Congestive Heart Failure	111	11.7	13.0	3.5	19.8	20.8	4.1	26.1	26.6	4.9
Pneumonia/Influenza	72	20.8	15.7	7.4	33.3	21.6	7.4	36.1	25.6	7.1
Chronic Obstructive Pulmonary Disease	22	13.6	9.2	-----	13.6	15.7	-----	13.6	20.2	-----
Transient Cerebral Ischemia	27	7.4	1.7	-----	18.5	3.8	-----	22.2	6.1	-----
Stroke	53	18.9	21.9	6.8	20.8	27.9	9.0	22.6	31.5	10.2
Hip Fracture	40	2.5	5.3	-----	7.5	9.3	-----	12.5	12.2	-----
Sepsis	14	28.6	17.9	-----	28.6	24.6	-----	28.6	29.4	-----
PROCEDURES:										
Angioplasty	1	0.0	1.8	-----	0.0	3.0	-----	0.0	4.6	-----
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	13	15.4	1.6	-----	23.1	3.6	-----	23.1	5.6	-----
Carotid Endarterectomy	2	0.0	1.2	-----	0.0	2.4	-----	0.0	3.8	-----
Hip Replacement/Reconstruction	8	0.0	2.3	-----	0.0	4.3	-----	0.0	5.9	-----
Open Reduction of Hip Fracture	25	4.0	5.2	-----	8.0	9.2	-----	16.0	12.2	-----
Prostatectomy	35	0.0	0.5	-----	0.0	1.3	-----	0.0	2.3	-----
Cholecystectomy	27	3.7	3.4	-----	3.7	6.6	-----	11.1	9.2	-----
Hysterectomy	6	0.0	1.5	-----	0.0	3.4	-----	0.0	5.3	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases Is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988 FY 1989 FY 1990

KENOSHA HOSPITAL & MEDICAL CENTER

Medicare Provider Number: 520021

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	74.2 years
Proportion female	53.1 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	34.5 %
Transferred from skilled nursing facility	0.8 %
Admitted for elective procedure	15.5 %
Admitted for emergency	11.6 %

COMORBIDITIES:

Cancer	6.6 %
Chronic cardiovascular disease	36.9 %
Chronic liver disease	0.9 %
Chronic renal disease	1.5 %
Chronic pulmonary disease	13.5 %
Cerebrovascular degeneration	4.9 %
Diabetes mellitus	8.1 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	92.4%
State	4.0%
Outside State	3.6%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	6.8 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	147
Occupancy Rate	55.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	37.1 %
Case Mix Index (CMI)	1.1701

STAFFING:

Total Number of Physicians	137
Percent of Physicians Board Certified Specialists	67.9 %
Medical Residents/Interns	0
Registered Nurses	143
Licensed Practical Nurses	0

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	Yes
Medicare Swing Beds	No

*** Not used in calculating mortality rates**

KETTLE MORAINE HOSPITAL

4839 N HEWITTS POINT RD
OCONOMOWOC, WI 53066
Medicare Provider Number: 520180

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	13	0.0	0.8	-----	0.0	2.1	-----	7.7	3.7	-----
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	0									
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES

No Graphs are presented when the standard deviation
was not computed for one or more of the three fiscal years,
(1988, 1989, or 1990)

KETTLE MORAINE HOSPITAL
Medicare Provider Number: 520180

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:		COMORBIDITIES:	
Average age at admission	51.5 years	Cancer	0.0 %
Proportion female	38.5 %	Chronic cardiovascular disease	7.7 %
ADMISSION SOURCES/TYPES:		Chronic liver disease	15.4 %
Referred by personal or HMO physician	0.0 %	Chronic renal disease	0.0 %
Transferred from skilled nursing facility	0.0 %	Chronic pulmonary disease	7.7 %
Admitted for elective procedure	53.8 %	Cerebrovascular degeneration	15.4 %
Admitted for emergency	0.0 %	Diabetes mellitus	0.0 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:		MEDICARE AVERAGE LENGTH OF STAY:	
County/City	42.4%	Hospital	11.5 Days
State	51.5%	State	7.4 Days
Outside State	6.1%	National	8.6 Days
Total	100.0%		

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:		SPECIALTY SERVICES:	
Total Beds	20	Burn Unit	No
Occupancy Rate	92.0 %	Cardiac Intensive Care	No
Ownership.Control	Private, Non-Profit	Comprehensive Geriatric	No
Medicare Discharges	7.5 %	Hospice Care	No
Case Mix Index (CMI)	0.6320	Medical/Surgical Intensive Care	No
STAFFING:		Organ/Tissue Transplant	No
Total Number of Physicians	2	Other Intensive Care	No
Percent of Physicians Board Certified Specialists	100.0 %	Trauma Center	No
		OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Medical Residents/Interns	0	Alcohol/Drug	Yes
Registered Nurses	4	Rehabilitation	No
Licensed Practical Nurses	4	Psychiatric	No
		Medicare Swing Beds	No

** Except for CMI

* Not used in calculating mortality rates

LA CROSSE LUTHERAN HOSPITAL

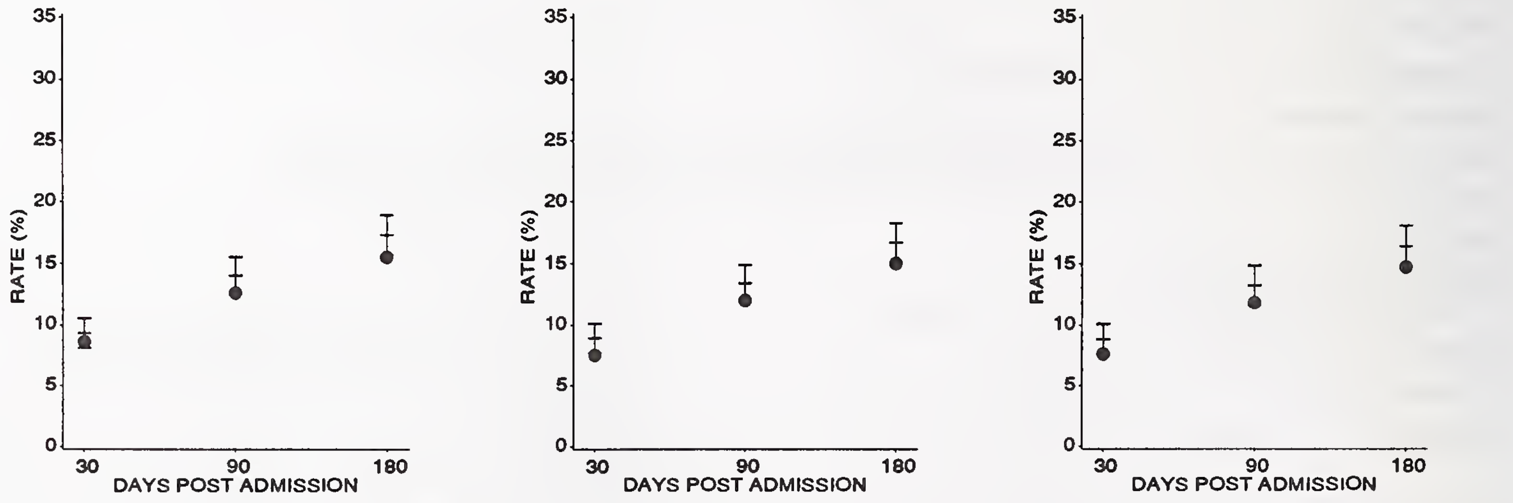
1910 SOUTH AVENUE
LA CROSSE, WI 54601
Medicare Provider Number: 520087

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	3909	7.6	8.8	0.6	11.8	13.2	0.8	14.7	16.4	0.8
CONDITIONS:										
Acute Myocardial Infarction	168	22.6	28.5	4.4	29.8	31.4	3.7	32.1	34.0	3.8
Congestive Heart Failure	107	13.1	15.3	4.3	22.4	23.8	4.2	34.6	30.3	5.4
Pneumonia/Influenza	104	17.3	18.7	4.0	20.2	26.2	5.6	26.0	31.2	5.7
Chronic Obstructive Pulmonary Disease	29	10.3	7.4	-----	13.8	12.5	-----	20.7	16.8	-----
Transient Cerebral Ischemia	26	0.0	1.6	-----	0.0	3.6	-----	0.0	5.6	-----
Stroke	122	11.5	23.8	5.1	17.2	30.5	6.0	27.0	34.8	8.0
Hip Fracture	131	6.1	6.3	2.5	8.4	11.2	3.2	9.9	14.6	4.1
Sepsis	48	25.0	26.8	-----	29.2	36.0	-----	29.2	41.4	-----
PROCEDURES:										
Angioplasty	57	8.8	4.8	5.0	8.8	5.9	5.0	8.8	6.9	5.2
Coronary Artery Bypass Graft	158	6.3	6.5	2.7	7.6	8.8	3.1	8.2	9.9	3.4
Initial Pacemaker Insertion	38	0.0	4.1	-----	2.6	7.4	-----	7.9	10.4	-----
Carotid Endarterectomy	11	0.0	1.3	-----	0.0	2.5	-----	0.0	3.6	-----
Hip Replacement/Reconstruction	99	3.0	2.0	2.1	4.0	3.7	2.2	4.0	5.1	2.8
Open Reduction of Hip Fracture	35	0.0	6.0	-----	2.9	10.7	-----	8.6	14.2	-----
Prostatectomy	134	0.0	1.1	1.2	0.7	2.7	1.6	1.5	4.8	2.2
Cholecystectomy	79	3.8	3.0	2.5	3.8	5.4	3.0	5.1	7.0	3.9
Hysterectomy	50	0.0	0.9	-----	2.0	2.0	-----	4.0	3.0	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

LA CROSSE LUTHERAN HOSPITAL

Medicare Provider Number: 520087

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	73.3 years
Proportion female	49.9 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	2.6 %
Transferred from skilled nursing facility	5.5 %
Admitted for elective procedure	27.8 %
Admitted for emergency	44.7 %

COMORBIDITIES:

Cancer	8.1 %
Chronic cardiovascular disease	32.0 %
Chronic liver disease	1.2 %
Chronic renal disease	2.6 %
Chronic pulmonary disease	10.5 %
Cerebrovascular degeneration	4.8 %
Diabetes mellitus	5.5 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	34.8%
State	36.3%
Outside State	28.9%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	7.2 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	386
Occupancy Rate	65.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	36.6 %
Case Mix Index (CMI)	1.5003

STAFFING:

Total Number of Physicians	212
Percent of Physicians Board Certified Specialists	82.1 %
Medical Residents/Interns	0
Registered Nurses	465
Licensed Practical Nurses	61

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	Yes
Rehabilitation	Yes
Psychiatric	Yes
Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

LADD MEMORIAL HOSPITAL

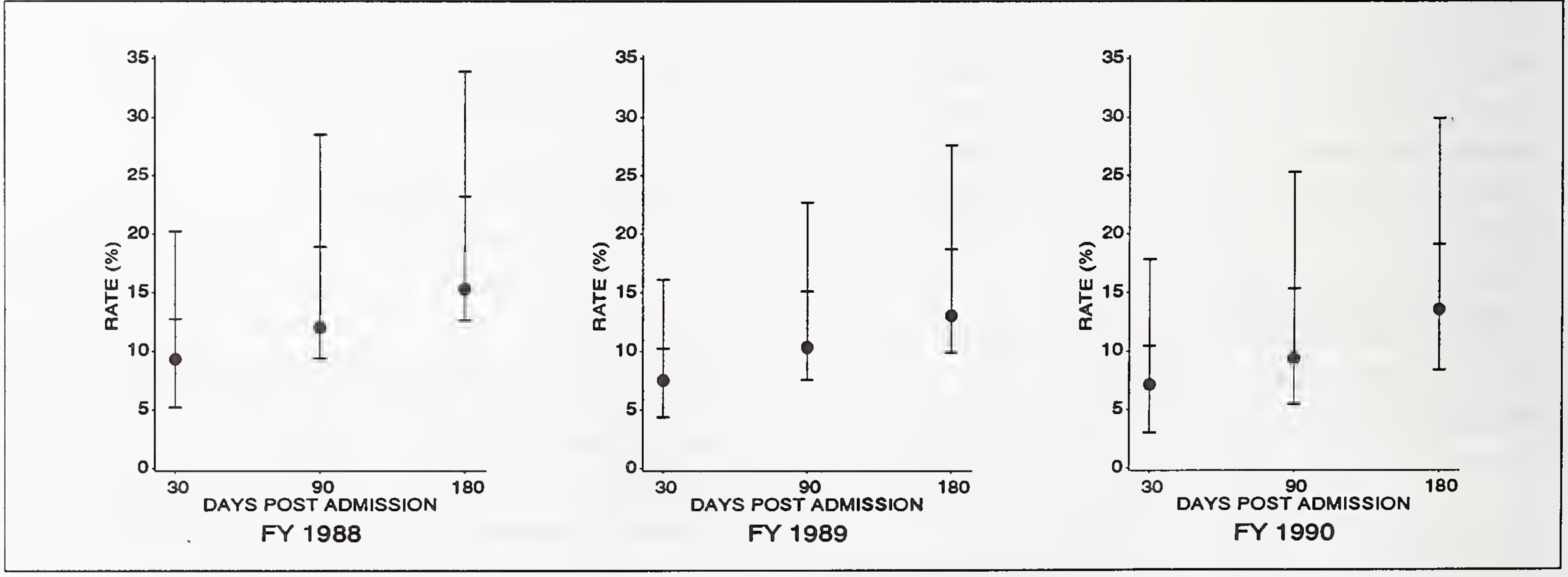
301 RIVER STREET
OSCEOLA, WI 54020
Medicare Provider Number: 520157

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	141	7.1	10.4	3.7	9.2	15.3	5.0	13.5	19.1	5.4
CONDITIONS:										
Acute Myocardial Infarction	5	20.0	23.0	-----	60.0	29.3	-----	60.0	33.3	-----
Congestive Heart Failure	15	13.3	19.4	-----	13.3	28.8	-----	20.0	35.8	-----
Pneumonia/Influenza	8	12.5	14.9	-----	12.5	19.8	-----	12.5	23.4	-----
Chronic Obstructive Pulmonary Disease	2	0.0	16.7	-----	0.0	27.0	-----	0.0	33.9	-----
Transient Cerebral Ischemia	2	0.0	1.6	-----	0.0	3.5	-----	0.0	5.7	-----
Stroke	13	7.7	22.5	-----	7.7	28.7	-----	23.1	32.9	-----
Hip Fracture	4	25.0	5.7	-----	25.0	10.2	-----	25.0	13.9	-----
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	2	50.0	4.9	-----	50.0	9.5	-----	50.0	13.2	-----
Prostatectomy	4	0.0	1.7	-----	0.0	4.4	-----	0.0	7.9	-----
Cholecystectomy	0									
Hysterectomy	0									

* The Standard Deviation (SD) is not calculated if the number of deaths or cases Is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



LADD MEMORIAL HOSPITAL

Medicare Provider Number: 520157

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	78.1 years
Proportion female	62.7 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	21.1 %
Transferred from skilled nursing facility	12.7 %
Admitted for elective procedure	10.6 %
Admitted for emergency	40.8 %

COMORBIDITIES:	
Cancer	3.5 %
Chronic cardiovascular disease	38.7 %
Chronic liver disease	0.0 %
Chronic renal disease	1.4 %
Chronic pulmonary disease	12.0 %
Cerebrovascular degeneration	8.5 %
Diabetes mellitus	4.2 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	77.9%
State	6.4%
Outside State	15.7%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	3.8 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1989

PROFILE:	
Total Beds	67
Occupancy Rate	79.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	36.7 %
Case Mix Index (CMI)	1.0420
STAFFING:	
Total Number of Physicians	5
Percent of Physicians Board Certified Specialists	100.0 %
Medical Residents/Interns	0
Registered Nurses	15
Licensed Practical Nurses	3

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

** Except for CMI

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* Not used in calculating mortality rates

LAKELAND MEDICAL CENTER

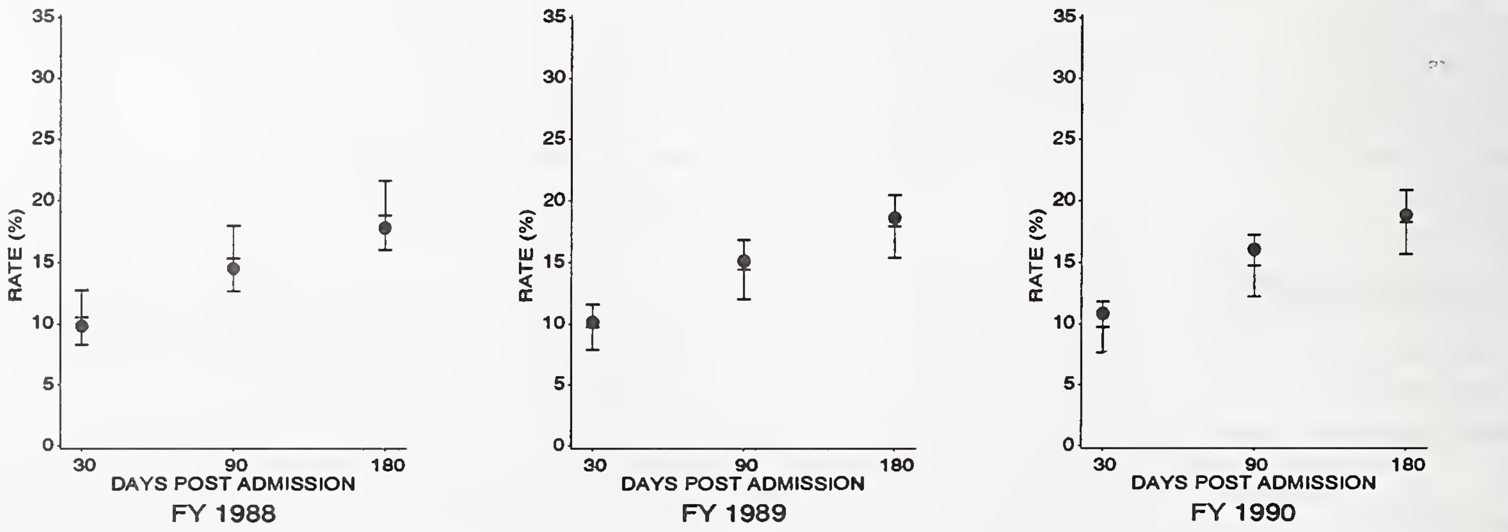
COUNTY TRONK NN, BOX 1002
ELKHORN, WI 53121
Medicare Provider Number: 520102

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD*	90 DAYS OBS	PRED	SD*	180 DAYS OBS	PRED	SD*
ALL CAUSES	1052	10.8	9.7	1.0	16.0	14.7	1.3	18.8	18.2	1.3
CONDITIONS:										
Acute Myocardial Infarction	34	35.3	28.9	-----	44.1	32.1	-----	47.1	34.8	-----
Congestive Heart Failure	63	17.5	14.9	7.6	31.7	23.7	12.0	38.1	30.0	12.6
Pneumonia/Influenza	54	9.3	14.3	7.2	13.0	19.8	7.6	14.8	23.5	7.9
Chronic Obstructive Pulmonary Disease	12	16.7	6.5	-----	16.7	11.0	-----	16.7	14.5	-----
Transient Cerebral Ischemia	24	0.0	2.0	-----	0.0	4.7	-----	0.0	7.9	-----
Stroke	63	23.8	17.7	7.6	30.2	24.5	7.3	30.2	28.2	8.2
Hip Fracture	45	4.4	5.5	-----	6.7	10.0	-----	8.9	13.0	-----
Sepsis	15	20.0	25.7	-----	26.7	33.6	-----	26.7	38.0	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	8	25.0	5.3	-----	25.0	8.9	-----	25.0	11.5	-----
Carotid Endarterectomy	2	0.0	1.0	-----	0.0	2.4	-----	0.0	4.1	-----
Hip Replacement/Reconstruction	22	0.0	4.1	-----	0.0	7.7	-----	4.5	10.1	-----
Open Reduction of Hip Fracture	24	0.0	4.8	-----	4.2	8.9	-----	4.2	11.7	-----
Prostatectomy	32	0.0	1.1	-----	3.1	2.6	-----	3.1	4.4	-----
Cholecystectomy	30	0.0	1.8	-----	0.0	3.3	-----	3.3	4.3	-----
Hysterectomy	14	0.0	0.5	-----	0.0	1.2	-----	0.0	2.0	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



LAKELAND MEDICAL CENTER

Medicare Provider Number: 520102

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	76.6 years
Proportion female	58.1 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	43.9 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	17.5 %
Admitted for emergency	53.8 %

COMORBIDITIES:	
Cancer	8.2 %
Chronic cardiovascular disease	37.7 %
Chronic liver disease	1.7 %
Chronic renal disease	1.9 %
Chronic pulmonary disease	12.2 %
Cerebrovascular degeneration	7.0 %
Diabetes mellitus	7.1 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	86.2%
State	6.5%
Outside State	7.3%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	7.0 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1989

PROFILE:	
Total Beds	86
Occupancy Rate	60.0 %
Ownership/Control	Local Government
Medicare Discharges	41.5 %
Case Mix Index (CMI)	1.2592
STAFFING:	
Total Number of Physicians	44
Percent of Physicians Board Certified Specialists	81.8 %
Medical Residents/Interns	0
Registered Nurses	115
Licensed Practical Nurses	6

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

LAKEVIEW HOSPITAL

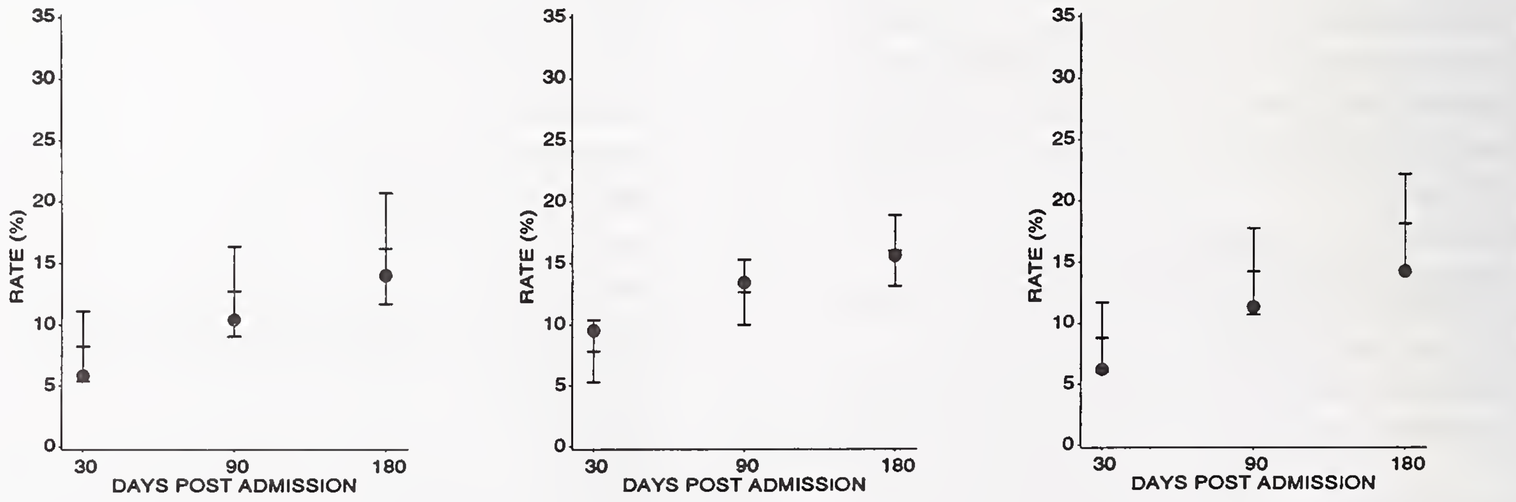
10010 WEST BLUEMOUND ROAD
MILWAUKEE, WI 53226
Medicare Provider Number: 520082

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	584	6.2	8.8	1.4	11.3	14.2	1.8	14.2	18.1	2.0
CONDITIONS:										
Acute Myocardial Infarction	5	20.0	36.5	-----	40.0	42.8	-----	40.0	45.7	-----
Congestive Heart Failure	27	14.8	18.2	-----	25.9	28.5	-----	33.3	35.1	-----
Pneumonia/Influenza	40	2.5	18.5	-----	15.0	25.6	-----	17.5	30.3	-----
Chronic Obstructive Pulmonary Disease	11	9.1	7.6	-----	18.2	13.0	-----	18.2	17.3	-----
Transient Cerebral Ischemia	13	0.0	2.5	-----	0.0	5.5	-----	0.0	8.8	-----
Stroke	10	30.0	16.7	-----	50.0	22.7	-----	50.0	26.6	-----
Hip Fracture	9	0.0	7.0	-----	0.0	12.3	-----	0.0	15.5	-----
Sepsis	1	0.0	39.4	-----	0.0	47.6	-----	0.0	53.6	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	2.3	-----	0.0	4.2	-----	0.0	5.9	-----
Carotid Endarterectomy	4	0.0	1.7	-----	0.0	3.4	-----	0.0	5.2	-----
Hip Replacement/Reconstruction	6	0.0	2.7	-----	0.0	5.8	-----	0.0	8.7	-----
Open Reduction of Hip Fracture	6	0.0	6.6	-----	0.0	12.0	-----	0.0	15.6	-----
Prostatectomy	32	3.1	1.2	-----	3.1	2.8	-----	6.3	4.6	-----
Cholecystectomy	8	0.0	2.7	-----	0.0	5.0	-----	12.5	6.9	-----
Hysterectomy	4	0.0	0.1	-----	0.0	0.4	-----	25.0	0.7	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

LAKEVIEW HOSPITAL
Medicare Provider Number: 520082

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:		COMORBIDITIES:	
Average age at admission	75.8 years	Cancer	7.9 %
Proportion female	64.4 %	Chronic cardiovascular disease	29.5 %
ADMISSION SOURCES/TYPES:		Chronic liver disease	1.2 %
Referred by personal or HMO physician	65.1 %	Chronic renal disease	6.2 %
Transferred from skilled nursing facility	15.9 %	Chronic pulmonary disease	19.7 %
Admitted for elective procedure	24.1 %	Cerebrovascular degeneration	6.0 %
Admitted for emergency	0.7 %	Diabetes mellitus	7.9 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:		MEDICARE AVERAGE LENGTH OF STAY:	
County/City	70.8%	Hospital	8.5 Days
State	27.9%	State	7.4 Days
Outside State	1.3%	National	8.6 Days
Total	100.0%		

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:		SPECIALTY SERVICES:	
Total Beds	118	Burn Unit	No
Occupancy Rate	28.0 %	Cardiac Intensive Care	No
Ownership.Control	Private, Non-Profit	Comprehensive Geriatric	No
Medicare Discharges	52.5 %	Hospice Care	No
Case Mix Index (CMI)	1.2561	Medical/Surgical Intensive Care	Yes
STAFFING:		Organ/Tissue Transplant	No
Total Number of Physicians	64	Other Intensive Care	No
Percent of Physicians Board Certified Specialists	39.1 %	Trauma Center	No
		OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Medical Residents/Interns	6	Alcohol/Drug	No
Registered Nurses	47	Rehabilitation	No
Licensed Practical Nurses	21	Psychiatric	No
		Medicare Swing Beds	No

** Except for CMI

* Not used in calculating mortality rates

LAKEVIEW MEDICAL CENTER

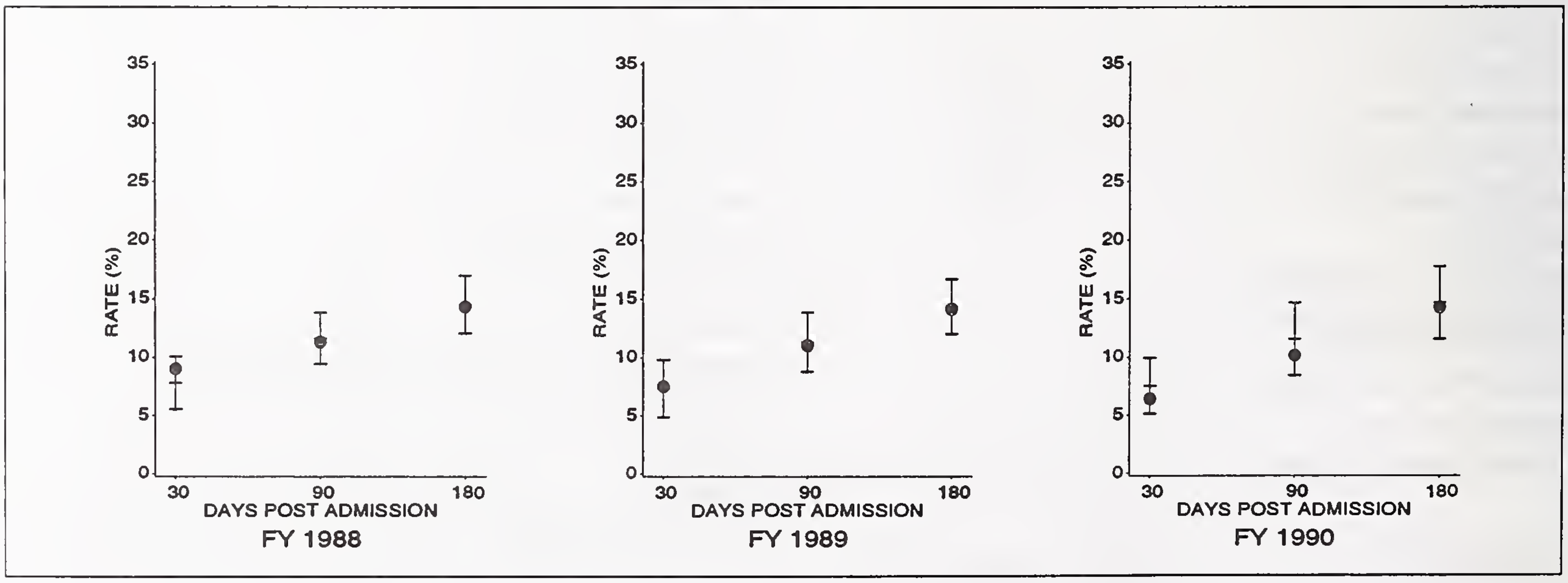
1100 NORTH MAIN ST
RICE LAKE, WI 54868
Medicare Provider Number: 520011

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	862	6.4	7.5	1.2	10.1	11.5	1.6	14.2	14.6	1.6
CONDITIONS:										
Acute Myocardial Infarction	23	17.4	36.7	-----	17.4	39.3	-----	17.4	42.2	-----
Congestive Heart Failure	59	15.3	15.5	9.2	20.3	24.2	9.8	33.9	30.5	13.8
Pneumonia/Influenza	55	9.1	12.5	7.9	10.9	17.3	9.9	14.5	21.0	11.5
Chronic Obstructive Pulmonary Disease	8	0.0	10.7	-----	0.0	18.4	-----	0.0	23.2	-----
Transient Cerebral Ischemia	14	0.0	1.9	-----	0.0	4.4	-----	0.0	7.1	-----
Stroke	26	23.1	19.3	-----	30.8	25.8	-----	30.8	29.9	-----
Hip Fracture	39	5.1	7.1	-----	7.7	12.2	-----	15.4	15.8	-----
Sepsis	9	0.0	23.0	-----	0.0	29.6	-----	22.2	33.6	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	42	2.4	2.4	-----	2.4	4.5	-----	4.8	6.1	-----
Open Reduction of Hip Fracture	20	5.0	8.1	-----	10.0	14.2	-----	20.0	18.5	-----
Prostatectomy	37	0.0	0.7	-----	0.0	1.6	-----	0.0	2.6	-----
Cholecystectomy	17	0.0	2.1	-----	0.0	3.5	-----	5.9	4.4	-----
Hysterectomy	4	0.0	0.4	-----	0.0	0.9	-----	0.0	1.5	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988 FY 1989 FY 1990

LAKEVIEW MEDICAL CENTER
Medicare Provider Number: 520011

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	75.5 years
Proportion female	52.8 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	58.1 %
Transferred from skilled nursing facility	0.5 %
Admitted for elective procedure	21.1 %
Admitted for emergency	16.5 %

COMORBIDITIES:

Cancer	7.4 %
Chronic cardiovascular disease	30.7 %
Chronic liver disease	1.2 %
Chronic renal disease	1.9 %
Chronic pulmonary disease	9.9 %
Cerebrovascular degeneration	3.5 %
Diabetes mellitus	7.5 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	65.8%
State	32.0%
Outside State	2.2%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	6.3 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	75
Occupancy Rate	50.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	44.8 %
Case Mix Index (CMI)	1.1262

STAFFING:

Total Number of Physicians	34
Percent of Physicians Board Certified Specialists	97.1 %
Medical Residents/Interns	0
Registered Nurses	73
Licensed Practical Nurses	7

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

*** Not used in calculating mortality rates**

LANCASTER MEMORIAL HOSPITAL

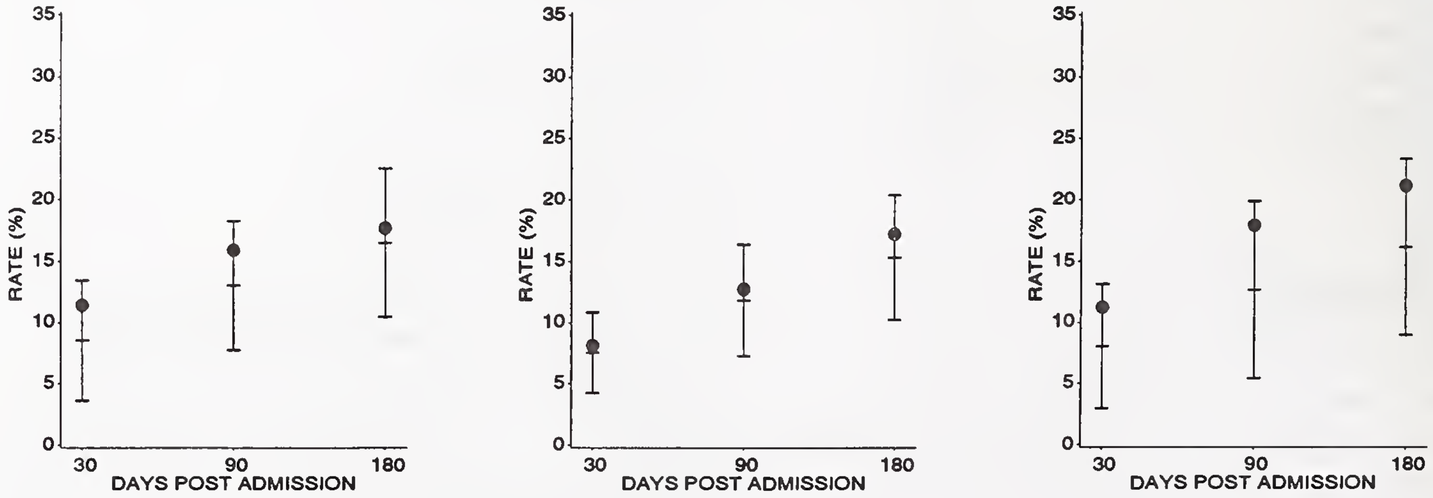
507 S MONROE ST
LANCASTER, WI 53813
Medicare Provider Number: 520146

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	313	11.2	8.0	2.5	17.9	12.6	3.6	21.1	16.1	3.6
CONDITIONS:										
Acute Myocardial Infarction	6	33.3	25.7	-----	33.3	29.6	-----	33.3	33.5	-----
Congestive Heart Failure	22	27.3	14.4	-----	36.4	21.9	-----	36.4	27.8	-----
Pneumonia/Influenza	13	0.0	12.8	-----	0.0	18.6	-----	7.7	22.9	-----
Chronic Obstructive Pulmonary Disease	5	20.0	13.1	-----	20.0	23.5	-----	40.0	29.8	-----
Transient Cerebral Ischemia	6	0.0	2.4	-----	33.3	5.1	-----	33.3	7.9	-----
Stroke	13	23.1	23.0	-----	38.5	31.0	-----	46.2	35.2	-----
Hip Fracture	16	12.5	6.1	-----	12.5	11.3	-----	18.8	15.3	-----
Sepsis	2	50.0	17.7	-----	50.0	21.4	-----	50.0	25.7	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	12	16.7	3.9	-----	16.7	7.4	-----	25.0	10.4	-----
Open Reduction of Hip Fracture	5	0.0	6.1	-----	0.0	11.6	-----	0.0	15.9	-----
Prostatectomy	0									
Cholecystectomy	4	25.0	3.3	-----	25.0	5.3	-----	25.0	6.8	-----
Hysterectomy	4	0.0	1.4	-----	0.0	2.6	-----	0.0	3.9	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988 FY 1989 FY 1990

LANCASTER MEMORIAL HOSPITAL

Medicare Provider Number: 520146

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	77.5 years
Proportion female	62.0 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	43.5 %
Transferred from skilled nursing facility	7.3 %
Admitted for elective procedure	1.9 %
Admitted for emergency	2.6 %

COMORBIDITIES:

Cancer	4.8 %
Chronic cardiovascular disease	31.6 %
Chronic liver disease	0.6 %
Chronic renal disease	3.8 %
Chronic pulmonary disease	16.6 %
Cerebrovascular degeneration	8.3 %
Diabetes mellitus	6.7 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	96.0%
State	2.6%
Outside State	1.4%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	4.4 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1989

PROFILE:

Total Beds	35
Occupancy Rate	34.0 %
Ownership/Control	Local Government
Medicare Discharges	35.6 %
Case Mix Index (CMI)	1.1188

STAFFING:

Total Number of Physicians	8
Percent of Physicians Board Certified Specialists	25.0 %
Medical Residents/Interns	0
Registered Nurses	16
Licensed Practical Nurses	10

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

** Except for CMI

* Not used in calculating mortality rates

LANGLADE COUNTY MEMORIAL HOSPITAL

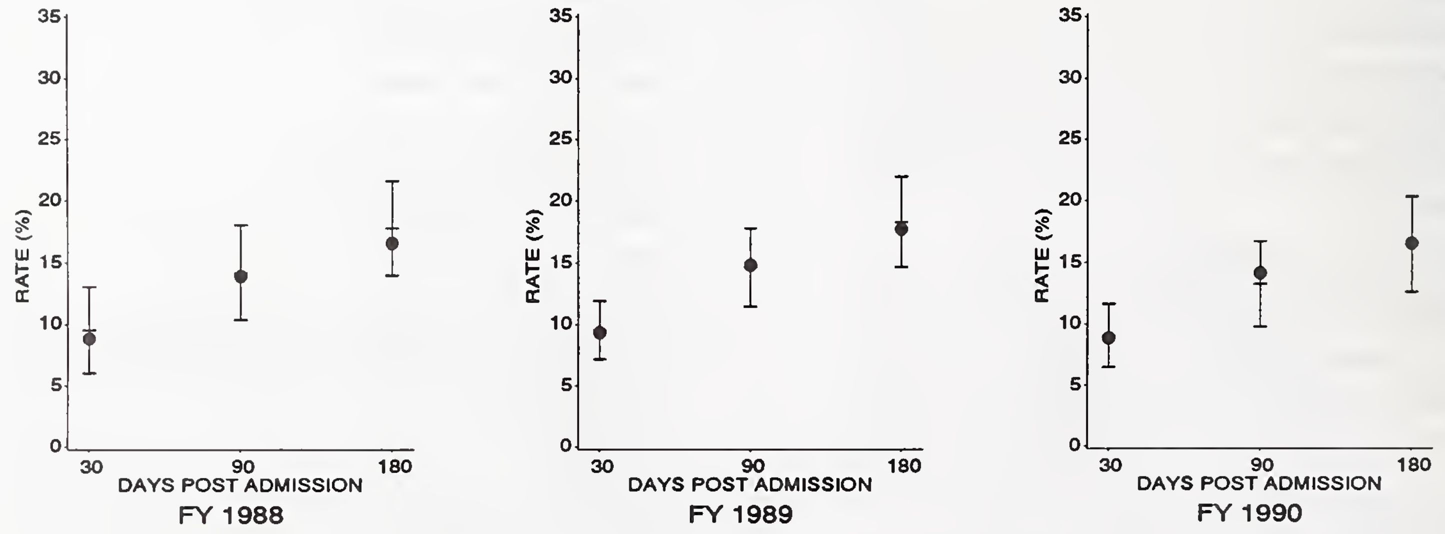
112 EAST 5TH AVE
ANTIGO, WI 54409
Medicare Provider Number: 520148

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	647	8.8	9.0	1.3	14.1	13.2	1.7	16.5	16.4	1.9
CONDITIONS:										
Acute Myocardial Infarction	38	34.2	28.7	-----	36.8	31.6	-----	36.8	34.6	-----
Congestive Heart Failure	43	9.3	13.2	-----	20.9	20.6	-----	23.3	26.2	-----
Pneumonia/Influenza	29	10.3	11.3	-----	13.8	15.5	-----	13.8	18.6	-----
Chronic Obstructive Pulmonary Disease	18	11.1	7.1	-----	33.3	12.9	-----	33.3	17.5	-----
Transient Cerebral Ischemia	10	0.0	1.6	-----	0.0	3.5	-----	0.0	5.7	-----
Stroke	31	19.4	17.6	-----	29.0	23.9	-----	29.0	27.6	-----
Hip Fracture	12	0.0	9.7	-----	0.0	16.5	-----	8.3	21.0	-----
Sepsis	8	25.0	30.1	-----	25.0	35.3	-----	25.0	39.9	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	4.4	-----	0.0	8.3	-----	0.0	12.0	-----
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	7	0.0	8.2	-----	0.0	14.0	-----	0.0	17.7	-----
Open Reduction of Hip Fracture	5	0.0	9.9	-----	0.0	18.0	-----	20.0	23.7	-----
Prostatectomy	49	6.1	1.5	-----	10.2	3.7	-----	12.2	6.2	-----
Cholecystectomy	20	5.0	1.6	-----	5.0	2.6	-----	5.0	3.4	-----
Hysterectomy	0									

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



LANGLADE COUNTY MEMORIAL HOSPITAL
Medicare Provider Number: 520148

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:		COMORBIDITIES:	
Average age at admission	75.8 years	Cancer	6.5 %
Proportion female	51.0 %	Chronic cardiovascular disease	39.7 %
ADMISSION SOURCES/TYPES:		Chronic liver disease	1.7 %
Referred by personal or HMO physician	39.6 %	Chronic renal disease	2.0 %
Transferred from skilled nursing facility	0.2 %	Chronic pulmonary disease	17.5 %
Admitted for elective procedure	14.8 %	Cerebrovascular degeneration	4.3 %
Admitted for emergency	18.1 %	Diabetes mellitus	4.9 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:		MEDICARE AVERAGE LENGTH OF STAY:	
County/City	72.0%	Hospital	5.9 Days
State	26.9%	State	7.4 Days
Outside State	1.1%	National	8.6 Days
Total	100.0%		

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1989

PROFILE:		SPECIALTY SERVICES:	
Total Beds	49	Burn Unit	No
Occupancy Rate	60.0 %	Cardiac Intensive Care	No
Ownership/Control	Church	Comprehensive Geriatric	No
Medicare Discharges	51.3 %	Hospice Care	No
Case Mix Index (CMI)	1.1325	Medical/Surgical Intensive Care	Yes
STAFFING:		Organ/Tissue Transplant	No
Total Number of Physicians	21	Other Intensive Care	No
Percent of Physicians Board Certified Specialists	76.2 %	Trauma Center	No
		OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Medical Residents/Interns	0	Alcohol/Drug	No
Registered Nurses	42	Rehabilitation	No
Licensed Practical Nurses	2	Psychiatric	No
		Medicare Swing Beds	Yes

** Except for CMI

* Not used in calculating mortality rates

LUTHER HOSPITAL

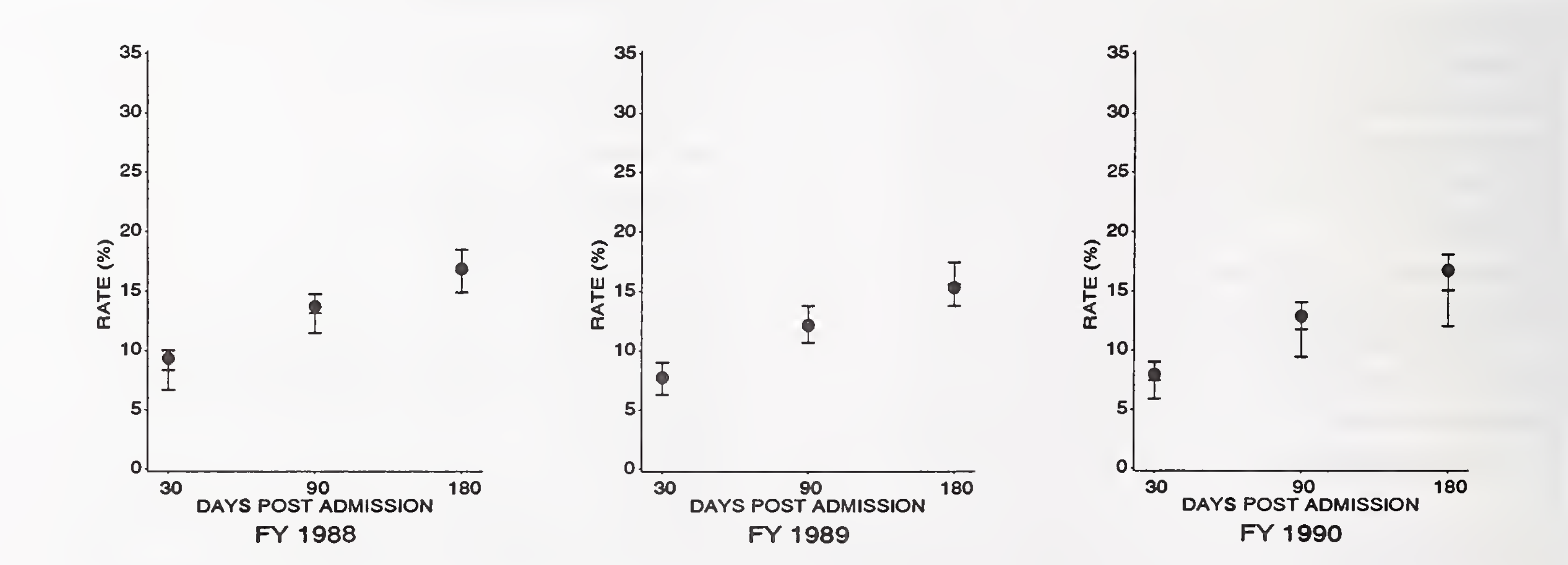
1221 WHIPPLE ST
EAU CLAIRE, WI 54702
Medicare Provider Number: 520070

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	1657	7.9	7.4	0.8	12.8	11.7	1.2	16.7	15.0	1.5
CONDITIONS:										
Acute Myocardial Infarction	92	21.7	20.4	5.0	25.0	23.6	5.1	28.3	26.5	5.6
Congestive Heart Failure	88	21.6	15.0	6.2	33.0	24.0	7.2	38.6	30.5	7.8
Pneumonia/Influenza	63	14.3	14.2	4.8	22.2	20.1	5.4	30.2	24.2	7.4
Chronic Obstructive Pulmonary Disease	19	5.3	7.7	-----	5.3	13.9	-----	15.8	19.1	-----
Transient Cerebral Ischemia	16	0.0	2.2	-----	6.3	4.8	-----	6.3	7.5	-----
Stroke	36	16.7	19.0	-----	25.0	25.4	-----	30.6	29.2	-----
Hip Fracture	34	5.9	8.4	-----	20.6	14.3	-----	32.4	18.3	-----
Sepsis	14	14.3	25.1	-----	28.6	35.6	-----	35.7	40.9	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	16	0.0	2.5	-----	0.0	5.3	-----	0.0	8.1	-----
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	50	2.0	2.2	-----	8.0	4.0	-----	10.0	5.4	-----
Open Reduction of Hip Fracture	22	4.5	6.7	-----	9.1	11.9	-----	27.3	15.8	-----
Prostatectomy	51	3.9	1.0	2.9	5.9	2.5	4.3	7.8	4.3	5.2
Cholecystectomy	29	6.9	1.6	-----	10.3	3.0	-----	10.3	4.2	-----
Hysterectomy	20	0.0	0.7	-----	0.0	1.7	-----	5.0	2.7	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



LUTHER HOSPITAL
Medicare Provider Number: 520070

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	74.7 years
Proportion female	51.4 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	54.2 %
Transferred from skilled nursing facility	0.1 %
Admitted for elective procedure	36.2 %
Admitted for emergency	0.0 %

COMORBIDITIES:

Cancer	8.4 %
Chronic cardiovascular disease	36.3 %
Chronic liver disease	1.0 %
Chronic renal disease	3.3 %
Chronic pulmonary disease	13.6 %
Cerebrovascular degeneration	3.9 %
Diabetes mellitus	6.8 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	55.5%
State	43.0%
Outside State	1.5%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	6.3 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1989

PROFILE:

Total Beds	208
Occupancy Rate	52.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	36.5 %
Case Mix Index (CMI)	1.2352

STAFFING:

Total Number of Physicians	153
Percent of Physicians Board Certified Specialists	91.5 %
Medical Residents/Interns	0
Registered Nurses	168
Licensed Practical Nurses	26

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	Yes
Rehabilitation	No
Psychiatric	Yes
Medicare Swing Beds	No

** Except for CMI

Not used in calculating mortality rates

MEMORIAL COMMUNITY HOSPITAL

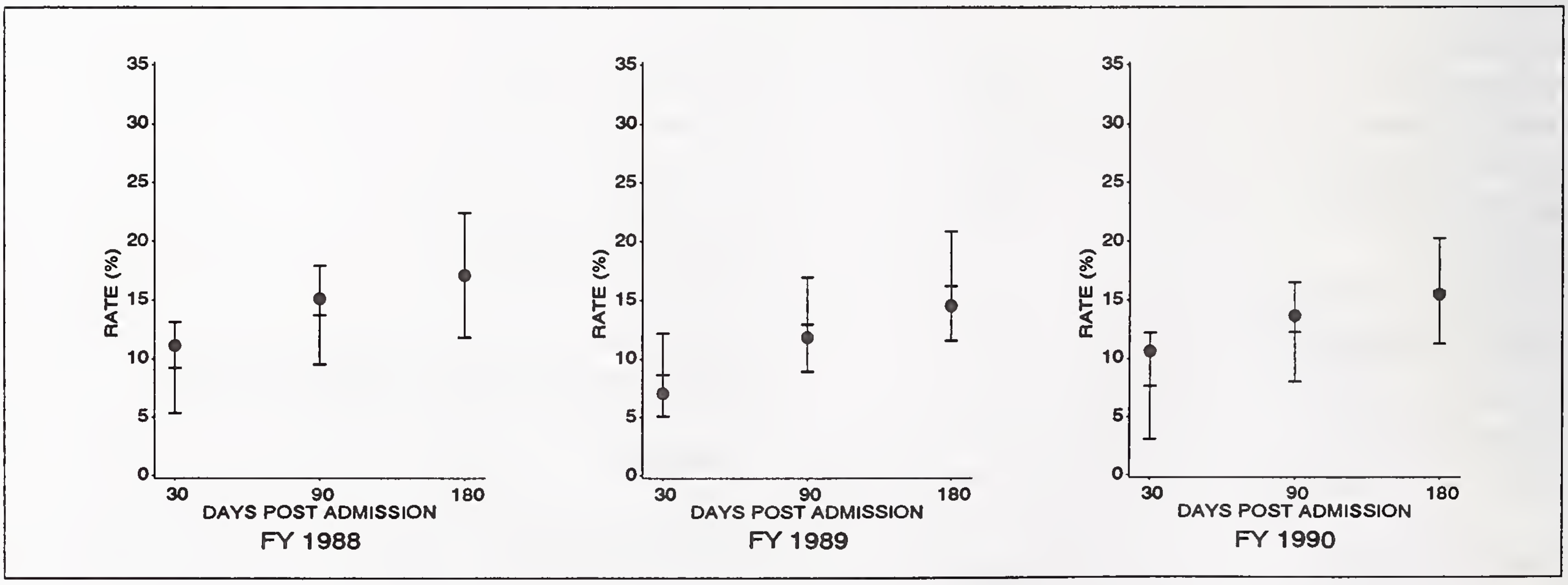
313 STOUGHTON ROAD
EDGERTON, WI 53534
Medicare Provider Number: 520031

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	331	10.6	7.6	2.3	13.6	12.2	2.1	15.4	15.7	2.3
CONDITIONS:										
Acute Myocardial Infarction	4	50.0	17.9	-----	50.0	21.6	-----	50.0	25.0	-----
Congestive Heart Failure	18	22.2	13.4	-----	22.2	21.6	-----	22.2	27.8	-----
Pneumonia/Influenza	19	5.3	12.5	-----	10.5	17.5	-----	10.5	21.6	-----
Chronic Obstructive Pulmonary Disease	4	0.0	5.1	-----	25.0	10.7	-----	25.0	15.1	-----
Transient Cerebral Ischemia	4	0.0	1.3	-----	0.0	2.9	-----	0.0	4.7	-----
Stroke	16	18.8	17.2	-----	25.0	23.5	-----	25.0	27.4	-----
Hip Fracture	9	0.0	4.9	-----	0.0	8.6	-----	0.0	11.3	-----
Sepsis	2	50.0	24.4	-----	50.0	30.7	-----	50.0	35.9	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	6	0.0	2.8	-----	0.0	4.9	-----	0.0	6.7	-----
Open Reduction of Hip Fracture	3	0.0	4.1	-----	0.0	7.3	-----	0.0	9.7	-----
Prostatectomy	7	0.0	0.8	-----	0.0	1.9	-----	0.0	3.4	-----
Cholecystectomy	5	0.0	1.0	-----	20.0	1.8	-----	20.0	2.4	-----
Hysterectomy	5	0.0	0.4	-----	0.0	0.9	-----	0.0	1.6	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

MEMORIAL COMMUNITY HOSPITAL

Medicare Provider Number: 520031

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	76.5 years
Proportion female	56.8 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	97.3 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	16.9 %
Admitted for emergency	5.1 %

COMORBIDITIES:	
Cancer	8.2 %
Chronic cardiovascular disease	36.0 %
Chronic liver disease	0.6 %
Chronic renal disease	2.4 %
Chronic pulmonary disease	12.1 %
Cerebrovascular degeneration	3.9 %
Diabetes mellitus	8.8 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	89.2%
State	7.4%
Outside State	3.4%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	6.0 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	101
Occupancy Rate	79.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	(Not Available)
Case Mix Index (CMI)	1.1205
STAFFING:	
Total Number of Physicians	42
Percent of Physicians Board Certified Specialists	97.6 %
Medical Residents/Interns	0
Registered Nurses	27
Licensed Practical Nurses	13

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

** Except for CMI

*** Not used in calculating mortality rates**

MEMORIAL HOSPITAL

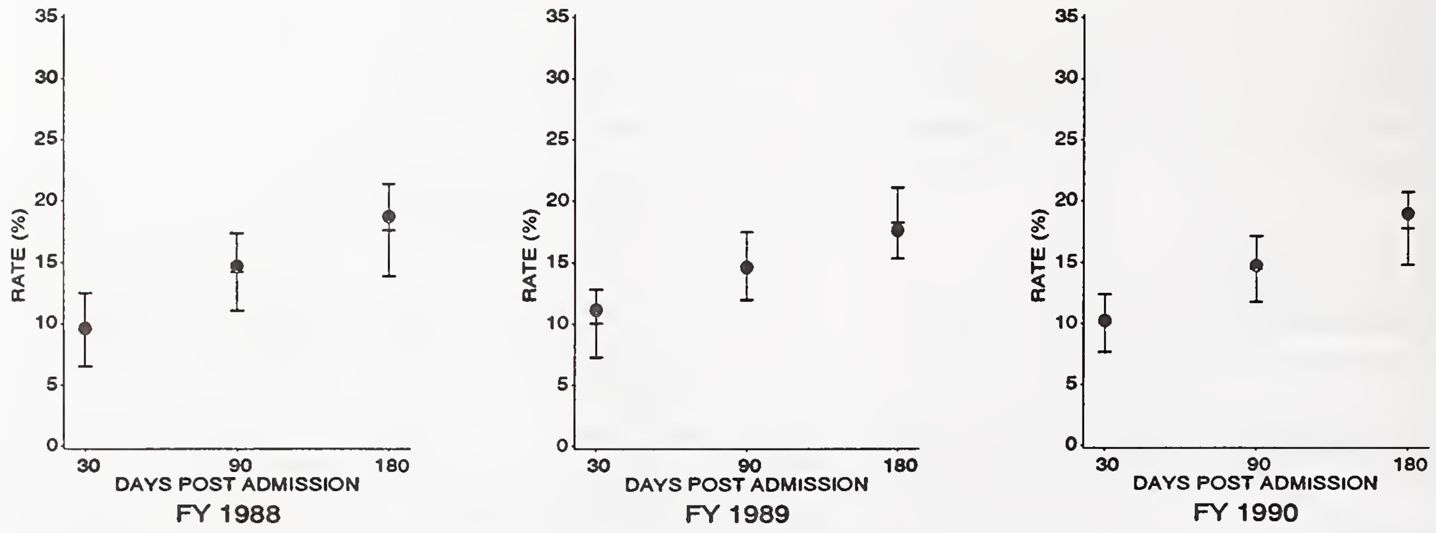
252 MCHENRY STREET
BURLINGTON, WI 53105
Medicare Provider Number: 520059

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	921	10.2	10.0	1.2	14.7	14.4	1.4	18.9	17.7	1.5
CONDITIONS:										
Acute Myocardial Infarction	30	26.7	29.9	-----	40.0	32.8	-----	43.3	35.6	-----
Congestive Heart Failure	71	23.9	14.4	5.5	26.8	22.7	6.1	32.4	29.2	6.3
Pneumonia/Influenza	56	14.3	16.3	8.0	19.6	21.8	6.5	26.8	25.7	6.0
Chronic Obstructive Pulmonary Disease	12	0.0	6.9	-----	0.0	12.1	-----	8.3	16.5	-----
Transient Cerebral Ischemia	11	0.0	1.2	-----	0.0	2.9	-----	0.0	5.0	-----
Stroke	41	31.7	22.5	-----	43.9	29.6	-----	51.2	33.8	-----
Hip Fracture	24	4.2	6.6	-----	12.5	11.6	-----	16.7	15.1	-----
Sepsis	18	38.9	21.0	-----	44.4	26.8	-----	50.0	30.7	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	0.8	-----	0.0	1.9	-----	0.0	3.2	-----
Carotid Endarterectomy	9	0.0	0.9	-----	0.0	1.8	-----	0.0	2.7	-----
Hip Replacement/Reconstruction	20	5.0	3.1	-----	10.0	5.5	-----	10.0	7.3	-----
Open Reduction of Hip Fracture	12	0.0	5.9	-----	8.3	10.8	-----	16.7	14.1	-----
Prostatectomy	42	0.0	1.1	-----	0.0	2.6	-----	4.8	4.5	-----
Cholecystectomy	21	0.0	3.5	-----	4.8	5.4	-----	4.8	6.3	-----
Hysterectomy	11	0.0	0.2	-----	0.0	0.6	-----	9.1	1.0	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

MEMORIAL HOSPITAL

Medicare Provider Number: 520059

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	75.5 years
Proportion female	55.0 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	58.1 %
Transferred from skilled nursing facility	0.4 %
Admitted for elective procedure	9.2 %
Admitted for emergency	81.6 %

COMORBIDITIES:	
Cancer	6.2 %
Chronic cardiovascular disease	32.4 %
Chronic liver disease	1.0 %
Chronic renal disease	1.5 %
Chronic pulmonary disease	14.6 %
Cerebrovascular degeneration	2.7 %
Diabetes mellitus	4.9 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	60.3%
State	33.3%
Outside State	6.4%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	6.2 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	97
Occupancy Rate	45.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	35.4 %
Case Mix Index (CMI)	1.2540
STAFFING:	
Total Number of Physicians	46
Percent of Physicians Board Certified Specialists	65.2 %
Medical Residents/Interns	0
Registered Nurses	89
Licensed Practical Nurses	14

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

** Except for CMI

* Not used in calculating mortality rates

MEMORIAL HOSPITAL

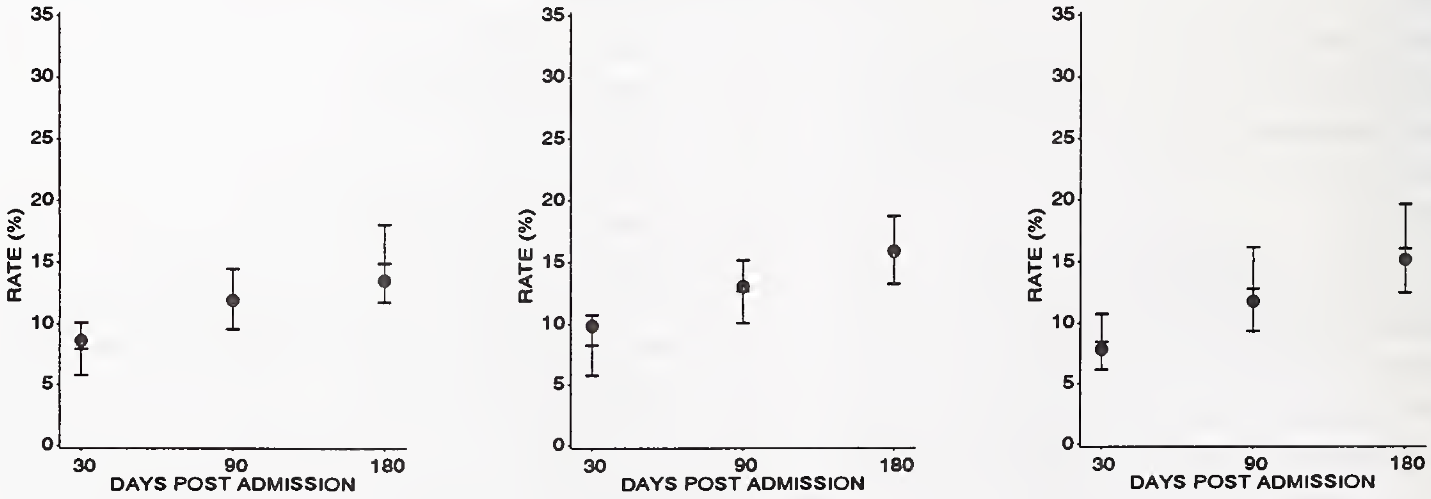
333 REED AVENUE
MANITOWOC, WI 54220
Medicare Provider Number: 520081

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	664	7.8	8.4	1.2	11.7	12.7	1.7	15.1	16.0	1.8
CONDITIONS:										
Acute Myocardial Infarction	27	18.5	26.5	-----	18.5	30.4	-----	22.2	33.4	-----
Congestive Heart Failure	36	16.7	15.8	-----	19.4	24.8	-----	27.8	31.0	-----
Pneumonia/Influenza	32	12.5	16.1	-----	15.6	21.8	-----	18.8	25.9	-----
Chronic Obstructive Pulmonary Disease	5	20.0	4.8	-----	20.0	8.6	-----	20.0	11.5	-----
Transient Cerebral Ischemia	8	0.0	1.6	-----	0.0	3.4	-----	0.0	5.5	-----
Stroke	18	33.3	20.0	-----	33.3	29.4	-----	38.9	34.3	-----
Hip Fracture	22	4.5	7.8	-----	9.1	13.5	-----	13.6	17.5	-----
Sepsis	7	28.6	31.9	-----	28.6	37.6	-----	42.9	42.8	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	5.2	-----	0.0	8.4	-----	0.0	12.1	-----
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	34	0.0	2.4	-----	0.0	4.4	-----	2.9	6.2	-----
Open Reduction of Hip Fracture	10	0.0	8.6	-----	10.0	15.2	-----	10.0	20.0	-----
Prostatectomy	26	0.0	0.7	-----	0.0	1.6	-----	0.0	2.7	-----
Cholecystectomy	16	0.0	5.3	-----	6.3	9.2	-----	6.3	11.6	-----
Hysterectomy	4	0.0	0.2	-----	0.0	0.5	-----	0.0	0.9	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988 FY 1989 FY 1990

MEMORIAL HOSPITAL
Medicare Provider Number: 520081

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	76.8 years
Proportion female	61.9 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	48.3 %
Transferred from skilled nursing facility	0.3 %
Admitted for elective procedure	17.5 %
Admitted for emergency	10.7 %

COMORBIDITIES:	
Cancer	9.5 %
Chronic cardiovascular disease	33.9 %
Chronic liver disease	1.2 %
Chronic renal disease	1.8 %
Chronic pulmonary disease	8.9 %
Cerebrovascular degeneration	3.6 %
Diabetes mellitus	5.7 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	96.4%
State	3.3%
Outside State	0.3%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	7.3 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	54
Occupancy Rate	44.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	65.1 %
Case Mix Index (CMI)	1.1944
STAFFING:	
Total Number of Physicians	50
Percent of Physicians Board Certified Specialists	56.0 %
Medical Residents/Interns	0
Registered Nurses	35
Licensed Practical Nurses	12

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

** Except for CMI

* Not used in calculating mortality rates

MEMORIAL HOSPITAL - LAFAYETTE COUNTY

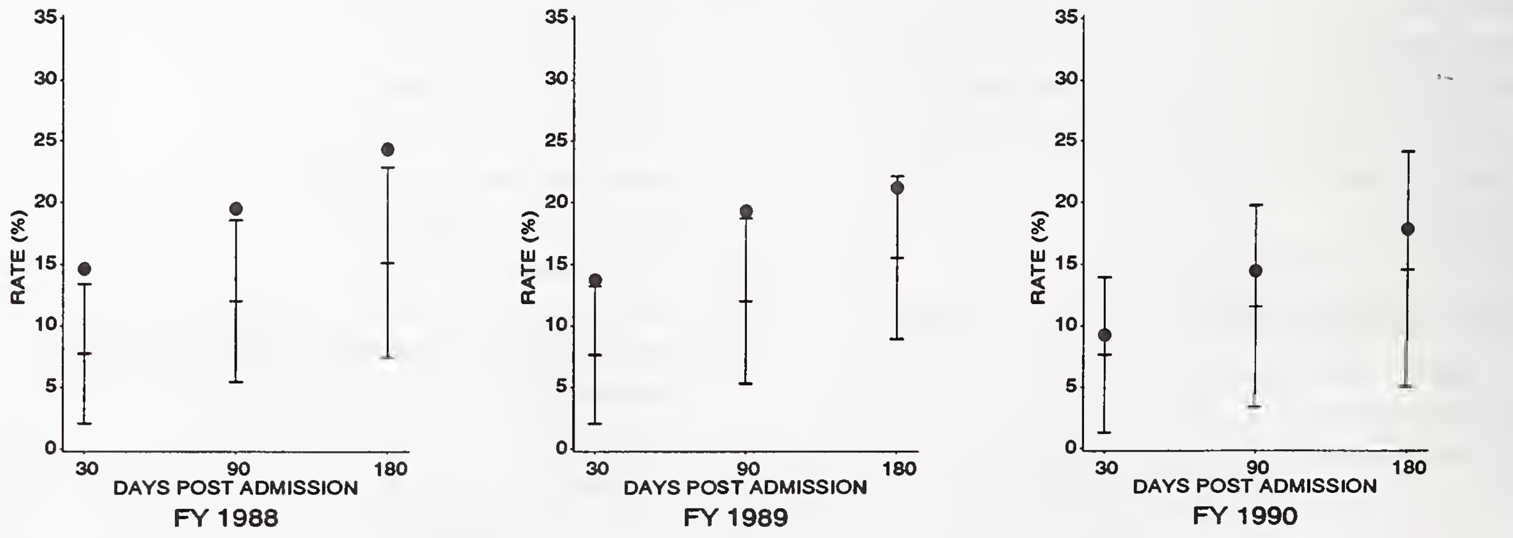
800 CLAY ST
DARLINGTON, WI 53530
Medicare Provider Number: 520110

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	174	9.2	7.6	3.2	14.4	11.5	4.1	17.8	14.5	4.8
CONDITIONS:										
Acute Myocardial Infarction	6	16.7	21.0	-----	16.7	24.2	-----	16.7	26.9	-----
Congestive Heart Failure	5	0.0	10.8	-----	20.0	18.6	-----	40.0	23.5	-----
Pneumonia/Influenza	16	6.3	10.8	-----	6.3	14.9	-----	18.8	17.9	-----
Chronic Obstructive Pulmonary Disease	1	0.0	6.5	-----	0.0	12.5	-----	0.0	16.1	-----
Transient Cerebral Ischemia	2	0.0	1.6	-----	0.0	3.6	-----	0.0	5.6	-----
Stroke	7	57.1	19.6	-----	57.1	28.9	-----	57.1	33.9	-----
Hip Fracture	5	0.0	9.2	-----	40.0	15.7	-----	40.0	19.5	-----
Sepsis	1	100.0	30.8	-----	100.0	38.2	-----	100.0	43.4	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	0.0	8.7	-----	25.0	15.0	-----	25.0	18.2	-----
Open Reduction of Hip Fracture	2	0.0	7.5	-----	50.0	12.3	-----	50.0	16.0	-----
Prostatectomy	5	0.0	0.7	-----	0.0	1.6	-----	20.0	2.8	-----
Cholecystectomy	3	0.0	2.7	-----	0.0	5.4	-----	0.0	7.4	-----
Hysterectomy	2	0.0	1.3	-----	0.0	2.8	-----	0.0	4.1	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



MEMORIAL HOSPITAL - LAFAYETTE COUNTY

Medicare Provider Number: 520110

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	75.6 years
Proportion female	58.6 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	98.9 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	6.3 %
Admitted for emergency	63.8 %

COMORBIDITIES:

Cancer	2.9 %
Chronic cardiovascular disease	32.2 %
Chronic liver disease	1.1 %
Chronic renal disease	2.3 %
Chronic pulmonary disease	10.3 %
Cerebrovascular degeneration	2.9 %
Diabetes mellitus	2.9 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	86.6%
State	6.7%
Outside State	6.7%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	4.5 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1989

PROFILE:

Total Beds	28
Occupancy Rate	25.0 %
Ownership/Control	Local Government
Medicare Discharges	46.2 %
Case Mix Index (CMI)	1.0188

STAFFING:

Total Number of Physicians	3
Percent of Physicians Board Certified Specialists	66.7 %
Medical Residents/Interns	0
Registered Nurses	8
Licensed Practical Nurses	3

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

** Except for CMI

*** Not used in calculating mortality rates**

MEMORIAL HOSPITAL AT OCONOMOWOC

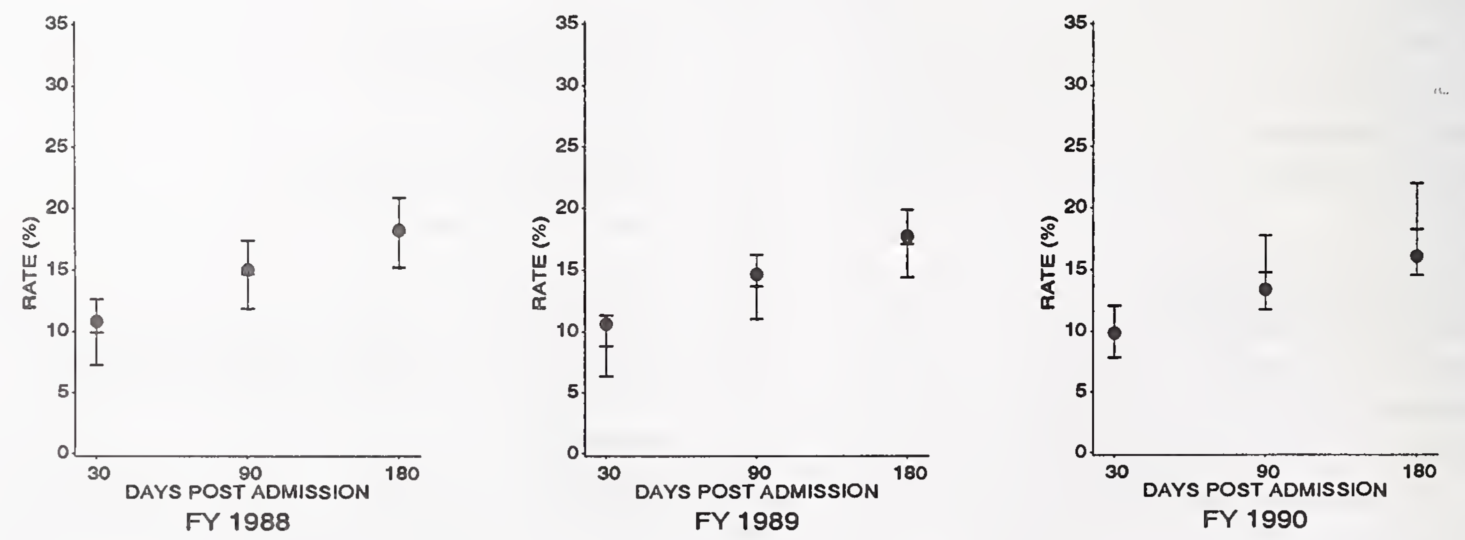
791 EAST SUMMIT AUENUE
OCONOMOWOC, WI 53066
Medicare Provider Number: 520062

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	798	9.8	9.9	1.1	13.3	14.7	1.5	16.0	18.2	1.9
CONDITIONS:										
Acute Myocardial Infarction	30	30.0	32.0	-----	40.0	35.5	-----	40.0	38.6	-----
Congestive Heart Failure	51	7.8	14.4	7.5	19.6	22.7	6.6	27.5	28.9	6.9
Pneumonia/Influenza	37	16.2	15.6	-----	21.6	21.3	-----	29.7	25.3	-----
Chronic Obstructive Pulmonary Disease	9	22.2	7.0	-----	22.2	13.2	-----	22.2	17.5	-----
Transient Cerebral Ischemia	12	0.0	2.0	-----	16.7	4.5	-----	16.7	7.3	-----
Stroke	50	30.0	22.3	-----	30.0	28.9	-----	34.0	33.0	-----
Hip Fracture	35	2.9	5.9	-----	2.9	10.1	-----	2.9	12.9	-----
Sepsis	4	75.0	47.4	-----	100.0	55.1	-----	100.0	58.8	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	5	0.0	2.7	-----	0.0	5.6	-----	0.0	7.9	-----
Carotid Endarterectomy	1	0.0	0.6	-----	0.0	1.1	-----	0.0	1.7	-----
Hip Replacement/Reconstruction	30	3.3	4.1	-----	6.7	7.2	-----	6.7	9.3	-----
Open Reduction of Hip Fracture	16	0.0	4.9	-----	0.0	8.7	-----	0.0	11.1	-----
Prostatectomy	24	0.0	0.6	-----	0.0	1.4	-----	0.0	2.4	-----
Cholecystectomy	28	0.0	2.8	-----	0.0	4.8	-----	0.0	6.2	-----
Hysterectomy	7	0.0	0.3	-----	0.0	0.8	-----	0.0	1.3	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

MEMORIAL HOSPITAL AT OCONOMOWOC

Medicare Provider Number: 520062

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	77.2 years
Proportion female	57.0 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	55.6 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	19.5 %
Admitted for emergency	65.4 %

COMORBIDITIES:	
Cancer	8.0 %
Chronic cardiovascular disease	33.8 %
Chronic liver disease	1.1 %
Chronic renal disease	2.0 %
Chronic pulmonary disease	12.7 %
Cerebrovascular degeneration	3.9 %
Diabetes mellitus	8.0 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	81.7%
State	15.6%
Outside State	2.7%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	6.8 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	82
Occupancy Rate	47.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	35.2 %
Case Mix Index (CMI)	1.2087
STAFFING:	
Total Number of Physicians	59
Percent of Physicians Board Certified Specialists	93.2 %
Medical Residents/Interns	0
Registered Nurses	88
Licensed Practical Nurses	9

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

** Except for CMI

* Not used in calculating mortality rates

MEMORIAL HOSPITAL INC

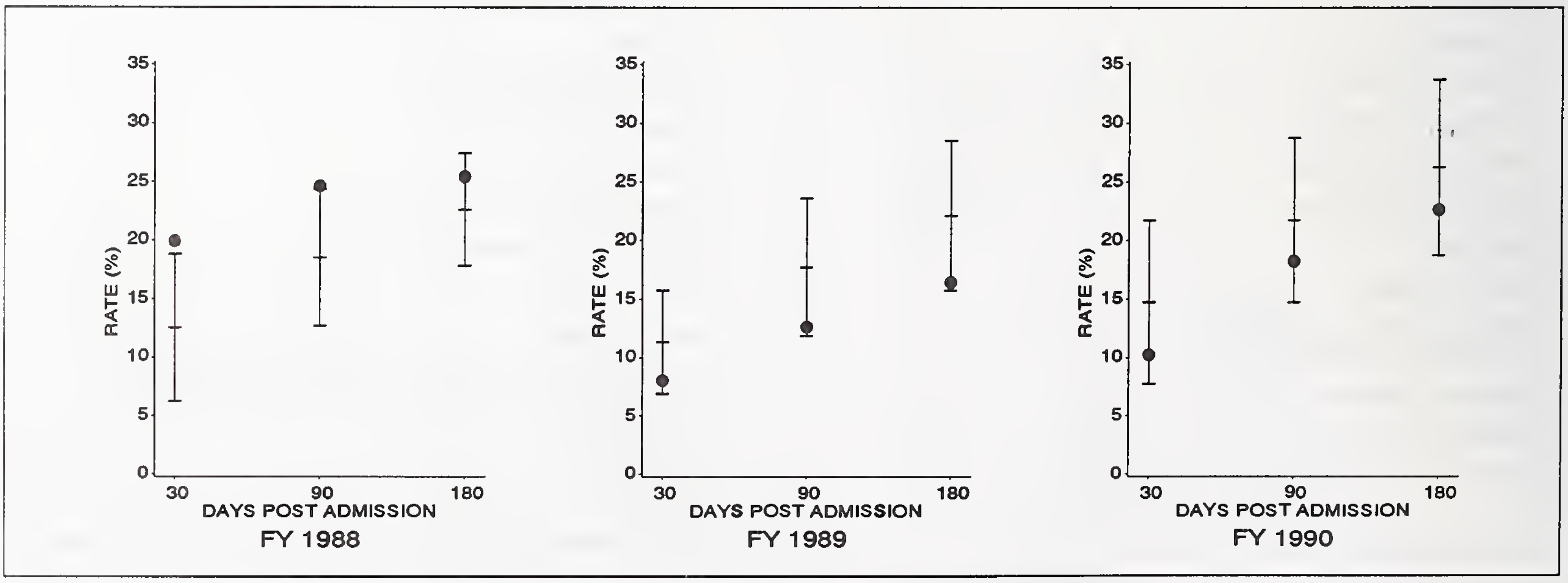
216 SUNSET PLACE
NEILLSVILLE, WI 54456
Medicare Provider Number: 520054

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	274	10.2	14.7	3.5	18.2	21.7	3.5	22.6	26.2	3.8
CONDITIONS:										
Acute Myocardial Infarction	13	30.8	26.2	-----	30.8	29.9	-----	38.5	33.2	-----
Congestive Heart Failure	8	12.5	18.1	-----	25.0	27.7	-----	25.0	34.5	-----
Pneumonia/Influenza	19	0.0	17.0	-----	5.3	23.0	-----	21.1	26.9	-----
Chronic Obstructive Pulmonary Disease	2	0.0	9.6	-----	0.0	15.1	-----	50.0	21.0	-----
Transient Cerebral Ischemia	5	0.0	1.6	-----	0.0	3.8	-----	0.0	6.2	-----
Stroke	13	23.1	18.8	-----	53.8	27.6	-----	53.8	32.1	-----
Hip Fracture	5	0.0	8.4	-----	20.0	14.1	-----	20.0	19.0	-----
Sepsis	5	0.0	20.2	-----	20.0	31.9	-----	40.0	38.6	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	9.9	-----	0.0	16.7	-----	0.0	22.7	-----
Open Reduction of Hip Fracture	2	0.0	7.0	-----	0.0	12.9	-----	0.0	17.6	-----
Prostatectomy	2	0.0	1.3	-----	0.0	3.2	-----	0.0	5.8	-----
Cholecystectomy	4	50.0	3.0	-----	50.0	5.9	-----	50.0	8.1	-----
Hysterectomy	2	0.0	0.2	-----	0.0	0.4	-----	0.0	0.6	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



MEMORIAL HOSPITAL INC
Medicare Provider Number: 520054

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	79.1 years
Proportion female	52.2 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	23.0 %
Transferred from skilled nursing facility	22.3 %
Admitted for elective procedure	4.4 %
Admitted for emergency	0.4 %

COMORBIDITIES:	
Cancer	6.9 %
Chronic cardiovascular disease	53.6 %
Chronic liver disease	0.4 %
Chronic renal disease	1.8 %
Chronic pulmonary disease	23.4 %
Cerebrovascular degeneration	4.0 %
Diabetes mellitus	11.3 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	83.9%
State	14.9%
Outside State	1.2%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	7.0 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1989

PROFILE:	
Total Beds	216
Occupancy Rate	80.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	39.6 %
Case Mix Index (CMI)	1.2167
STAFFING:	
Total Number of Physicians	6
Percent of Physicians Board Certified Specialists	33.3 %
Medical Residents/Interns	0
Registered Nurses	18
Licensed Practical Nurses	2

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

** Except for CMI

Not used in calculating mortality rates

MEMORIAL HOSPITAL OF BOSCOBEL

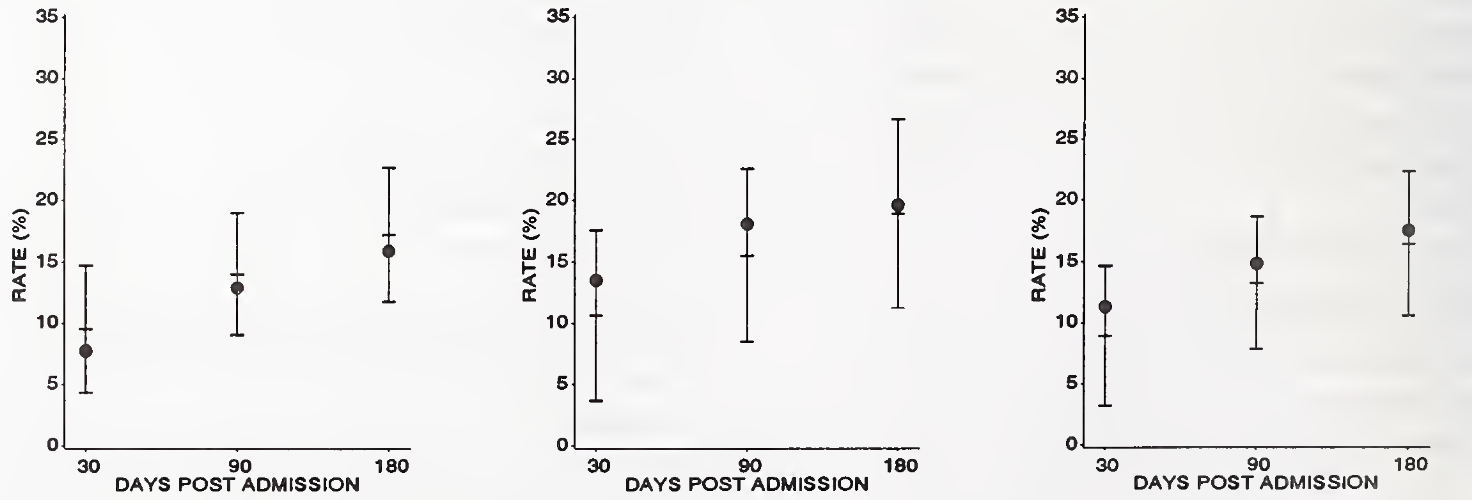
205 PARKER ST
BOSCOBEL, WI 53805
Medicare Provider Number: 520114

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	291	11.3	8.9	2.9	14.8	13.2	2.7	17.5	16.4	2.9
CONDITIONS:										
Acute Myocardial Infarction	12	16.7	23.2	-----	25.0	26.4	-----	25.0	29.4	-----
Congestive Heart Failure	17	23.5	14.0	-----	29.4	21.4	-----	35.3	27.4	-----
Pneumonia/Influenza	19	10.5	14.2	-----	15.8	18.8	-----	21.1	22.1	-----
Chronic Obstructive Pulmonary Disease	3	33.3	5.7	-----	33.3	10.6	-----	33.3	15.2	-----
Transient Cerebral Ischemia	8	0.0	2.3	-----	0.0	5.4	-----	0.0	9.1	-----
Stroke	9	22.2	20.4	-----	33.3	29.2	-----	44.4	34.2	-----
Hip Fracture	11	18.2	6.3	-----	18.2	11.4	-----	18.2	15.0	-----
Sepsis	1	100.0	69.6	-----	100.0	75.8	-----	100.0	79.3	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	1.6	-----	0.0	3.3	-----	0.0	5.3	-----
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	7	28.6	6.8	-----	28.6	13.0	-----	28.6	17.3	-----
Open Reduction of Hip Fracture	3	0.0	4.5	-----	0.0	7.6	-----	0.0	9.5	-----
Prostatectomy	7	0.0	0.6	-----	0.0	1.2	-----	0.0	2.2	-----
Cholecystectomy	6	16.7	5.9	-----	16.7	11.4	-----	33.3	14.9	-----
Hysterectomy	3	0.0	0.5	-----	0.0	1.1	-----	0.0	1.9	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988 FY 1989 FY 1990

MEMORIAL HOSPITAL OF BOSCOBEL

Medicare Provider Number: 520114

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:		COMORBIDITIES:	
Average age at admission	75.0 years	Cancer	3.1 %
Proportion female	51.9 %	Chronic cardiovascular disease	43.3 %
ADMISSION SOURCES/TYPES:		Chronic liver disease	1.4 %
Referred by personal or HMO physician	41.9 %	Chronic renal disease	2.4 %
Transferred from skilled nursing facility	10.3 %	Chronic pulmonary disease	22.3 %
Admitted for elective procedure	8.2 %	Cerebrovascular degeneration	6.5 %
Admitted for emergency	16.5 %	Diabetes mellitus	6.9 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:		MEDICARE AVERAGE LENGTH OF STAY:	
County/City	78.8%	Hospital	5.1 Days
State	18.0%	State	7.4 Days
Outside State	3.2%	National	8.6 Days
Total	100.0%		

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:		SPECIALTY SERVICES:	
Total Beds	136	Burn Unit	No
Occupancy Rate	64.0 %	Cardiac Intensive Care	No
Ownership.Control	Private, Non-Profit	Comprehensive Geriatric	No
Medicare Discharges	(Not Available)	Hospice Care	No
Case Mix Index (CMI)	1.1250	Medical/Surgical Intensive Care	No
STAFFING:		Organ/Tissue Transplant	No
Total Number of Physicians	28	Other Intensive Care	No
Percent of Physicians Board Certified Specialists	46.4 %	Trauma Center	No
		OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Medical Residents/Interns	0	Alcohol/Drug	No
Registered Nurses	25	Rehabilitation	No
Licensed Practical Nurses	3	Psychiatric	Yes
		Medicare Swing Beds	Yes

** Except for CMI

* Not used in calculating mortality rates

MEMORIAL HOSPITAL OF IOWA COUNTY INC

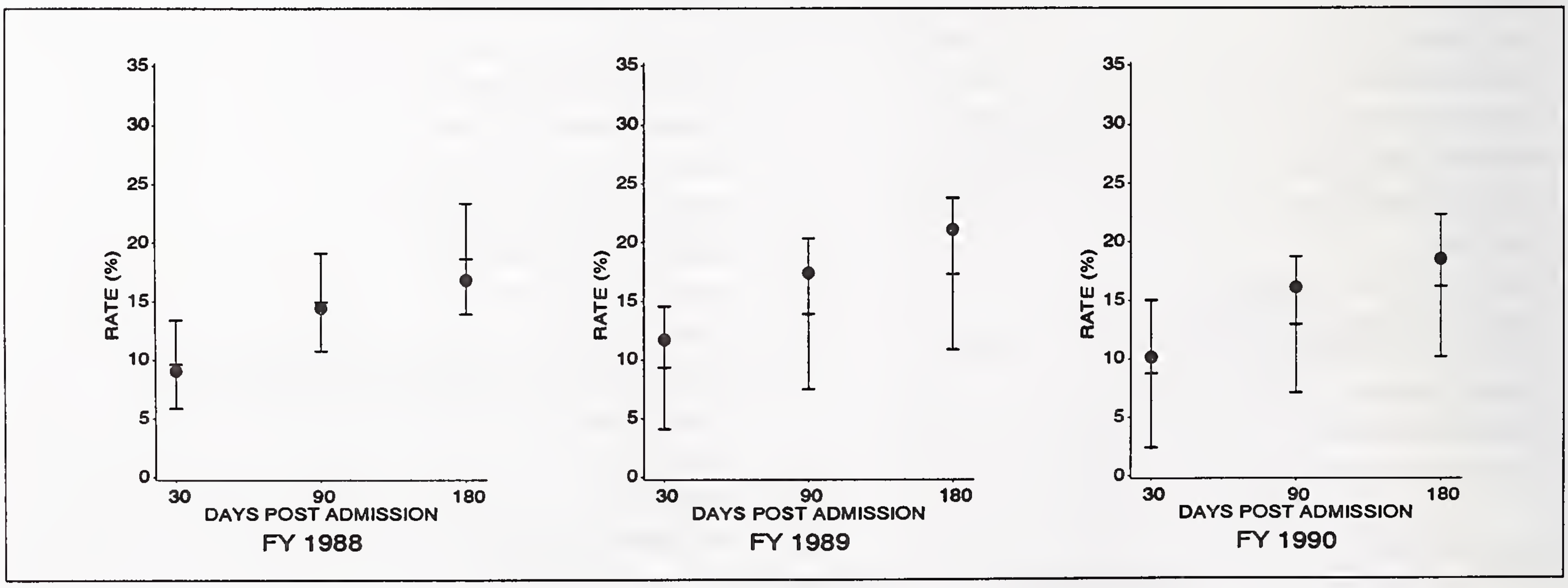
825 SOUTH IOWA STREET
DODGEVILLE, WI 53533
Medicare Provider Number: 520032

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	335	10.1	8.7	3.2	16.1	12.9	2.9	18.5	16.2	3.0
CONDITIONS:										
Acute Myocardial Infarction	12	25.0	23.8	-----	33.3	26.5	-----	33.3	29.3	-----
Congestive Heart Failure	20	10.0	14.2	-----	30.0	22.7	-----	30.0	28.8	-----
Pneumonia/Influenza	30	6.7	14.3	-----	13.3	19.0	-----	16.7	22.8	-----
Chronic Obstructive Pulmonary Disease	6	16.7	7.3	-----	16.7	11.9	-----	16.7	15.2	-----
Transient Cerebral Ischemia	4	0.0	1.0	-----	0.0	2.5	-----	0.0	4.4	-----
Stroke	13	53.8	20.9	-----	53.8	27.5	-----	53.8	31.6	-----
Hip Fracture	21	9.5	6.3	-----	14.3	11.3	-----	14.3	14.8	-----
Sepsis	1	0.0	28.9	-----	0.0	40.5	-----	0.0	45.8	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	9	11.1	7.4	-----	11.1	13.1	-----	11.1	16.6	-----
Open Reduction of Hip Fracture	6	0.0	4.3	-----	0.0	8.5	-----	0.0	11.7	-----
Prostatectomy	10	0.0	1.9	-----	0.0	4.4	-----	0.0	7.8	-----
Cholecystectomy	10	0.0	2.5	-----	10.0	5.4	-----	10.0	7.9	-----
Hysterectomy	5	0.0	0.5	-----	0.0	1.1	-----	0.0	1.6	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



MEMORIAL HOSPITAL OF IOWA COUNTY INC

Medicare Provider Number: 520032

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:		COMORBIDITIES:	
Average age at admission	76.2 years	Cancer	6.0 %
Proportion female	54.6 %	Chronic cardiovascular disease	40.3 %
ADMISSION SOURCES/TYPES:		Chronic liver disease	0.6 %
Referred by personal or HMO physician	30.4 %	Chronic renal disease	2.1 %
Transferred from skilled nursing facility	2.4 %	Chronic pulmonary disease	24.2 %
Admitted for elective procedure	15.5 %	Cerebrovascular degeneration	3.9 %
Admitted for emergency	11.9 %	Diabetes mellitus	6.0 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:		MEDICARE AVERAGE LENGTH OF STAY:	
County/City	75.4%	Hospital	4.8 Days
State	23.5%	State	7.4 Days
Outside State	1.1%	National	8.6 Days
Total	100.0%		

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:		SPECIALTY SERVICES:	
Total Beds	83	Burn Unit	No
Occupancy Rate	59.0 %	Cardiac Intensive Care	No
Ownership.Control	Private, Non-Profit	Comprehensive Geriatric	Yes
Medicare Discharges	37.4 %	Hospice Care	No
Case Mix Index (CMI)	1.1313	Medical/Surgical Intensive Care	Yes
STAFFING:		Organ/Tissue Transplant	No
Total Number of Physicians	11	Other Intensive Care	No
Percent of Physicians Board Certified Specialists	54.5 %	Trauma Center	No
Medical Residents/Interns	0	OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Registered Nurses	30	Alcohol/Drug	No
Licensed Practical Nurses	2	Rehabilitation	No
		Psychiatric	No
		Medicare Swing Beds	Yes

** Except for CMI

* Not used in calculating mortality rates

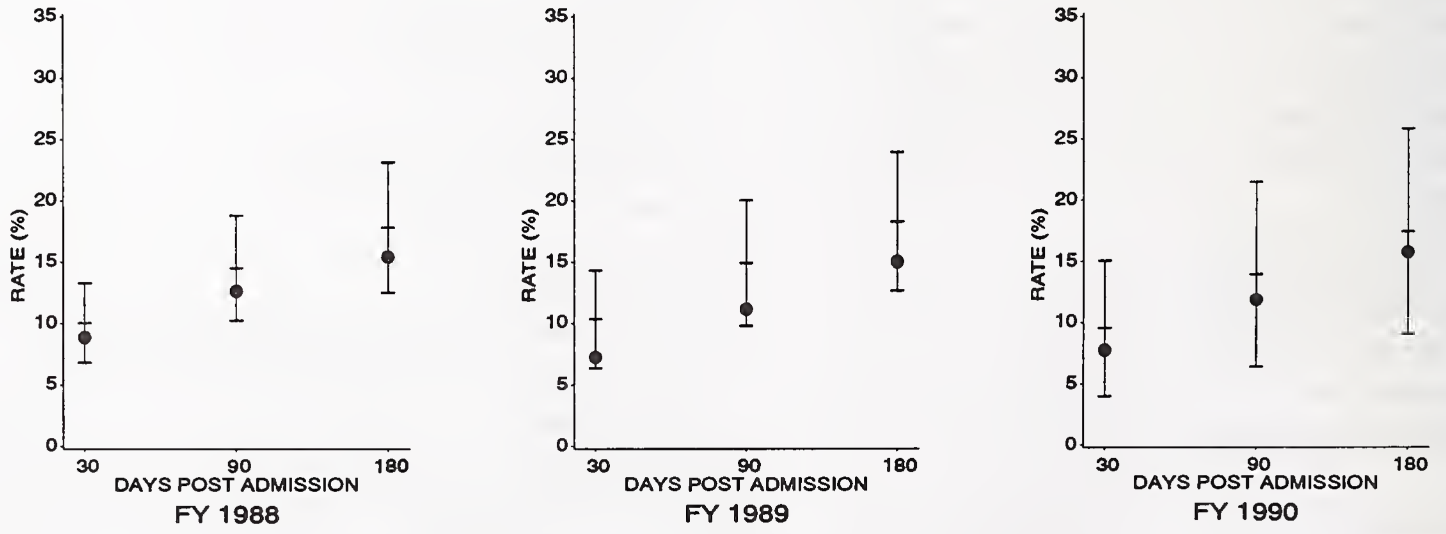
MEMORIAL HOSPITAL OF TAYLOR COUNTY INC
135 SOUTH GIBSON STREET
MEDFORD, WI 54451
Medicare Provider Number: 520006

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD*	90 DAYS OBS	PRED	SD*	180 DAYS OBS	PRED	SD*
ALL CAUSES	338	7.7	9.5	2.8	11.8	13.9	3.8	15.7	17.4	4.2
CONDITIONS:										
Acute Myocardial Infarction	20	30.0	25.9	-----	30.0	28.6	-----	35.0	31.2	-----
Congestive Heart Failure	28	7.1	19.3	-----	17.9	27.4	-----	25.0	33.6	-----
Pneumonia/Influenza	18	5.6	13.0	-----	11.1	18.5	-----	16.7	22.4	-----
Chronic Obstructive Pulmonary Disease	7	0.0	7.3	-----	0.0	13.5	-----	14.3	17.7	-----
Transient Cerebral Ischemia	11	0.0	2.2	-----	0.0	5.3	-----	9.1	8.9	-----
Stroke	14	35.7	17.3	-----	35.7	25.2	-----	42.9	29.7	-----
Hip Fracture	0									
Sepsis	3	0.0	20.5	-----	66.7	25.4	-----	66.7	29.4	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	14	0.0	0.9	-----	14.3	2.0	-----	14.3	3.5	-----
Cholecystectomy	5	0.0	1.1	-----	0.0	2.0	-----	0.0	2.7	-----
Hysterectomy	2	0.0	0.1	-----	0.0	0.2	-----	0.0	0.3	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



MEMORIAL HOSPITAL OF TAYLOR COUNTY INC
Medicare Provider Number: 520006

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:		COMORBIDITIES:	
Average age at admission	77.6 years	Cancer	3.6 %
Proportion female	53.8 %	Chronic cardiovascular disease	46.7 %
ADMISSION SOURCES/TYPES:		Chronic liver disease	0.6 %
Referred by personal or HMO physician	51.5 %	Chronic renal disease	3.0 %
Transferred from skilled nursing facility	5.0 %	Chronic pulmonary disease	14.5 %
Admitted for elective procedure	10.9 %	Cerebrovascular degeneration	8.3 %
Admitted for emergency	23.7 %	Diabetes mellitus	10.1 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:		MEDICARE AVERAGE LENGTH OF STAY:	
County/City	72.2%	Hospital	4.5 Days
State	27.6%	State	7.4 Days
Outside State	0.2%	National	8.6 Days
Total	100.0%		

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:		SPECIALTY SERVICES:	
Total Beds	157	Burn Unit	No
Occupancy Rate	79.0 %	Cardiac Intensive Care	No
Ownership.Control	Private, Non-Profit	Comprehensive Geriatric	No
Medicare Discharges	40.1 %	Hospice Care	No
Case Mix Index (CMI)	1.0353	Medical/Surgical Intensive Care	Yes
STAFFING:		Organ/Tissue Transplant	No
Total Number of Physicians	15	Other Intensive Care	No
Percent of Physicians Board Certified Specialists	53.3 %	Trauma Center	No
		OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Medical Residents/Interns	0	Alcohol/Drug	No
Registered Nurses	21	Rehabilitation	No
Licensed Practical Nurses	1	Psychiatric	No
		Medicare Swing Beds	Yes

** Except for CMI

* Not used in calculating mortality rates

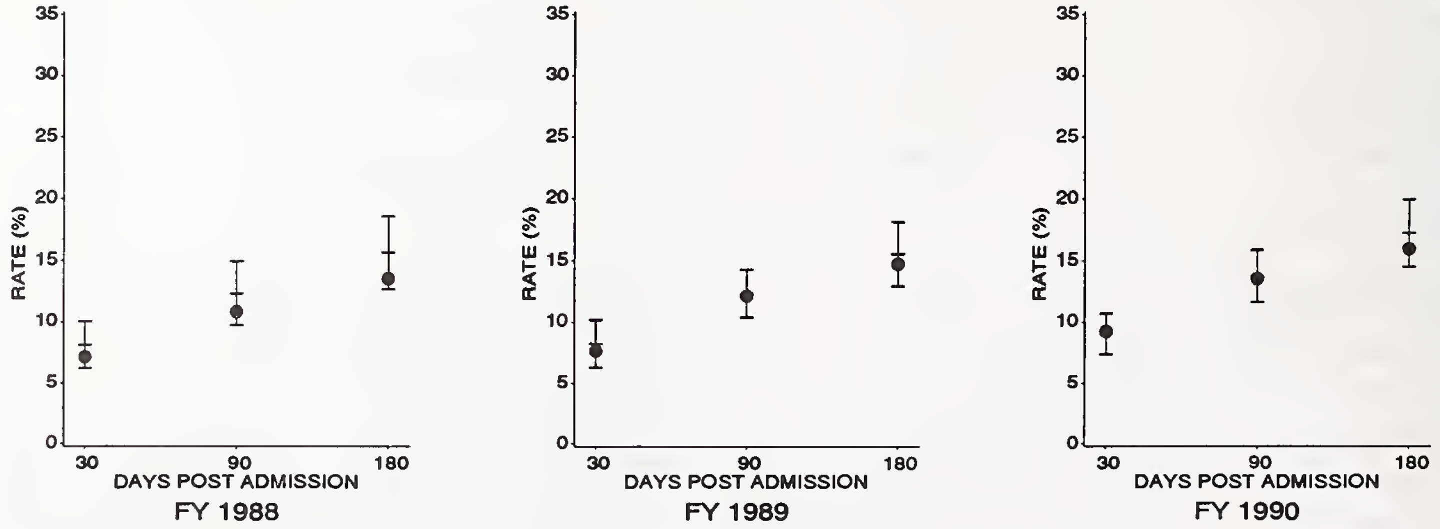
MEMORIAL MEDICAL CENTER INC
1615 MAPLE LANE
ASHLAND, Wi 54806
Medicare Provider Number: 520173

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	1200	9.2	9.0	0.8	13.5	13.7	1.1	15.9	17.2	1.4
CONDITIONS:										
Acute Myocardial Infarction	30	30.0	36.1	-----	36.7	39.2	-----	36.7	42.4	-----
Congestive Heart Failure	53	17.0	17.5	5.6	24.5	27.0	7.0	32.1	33.6	7.3
Pneumonia/Influenza	54	13.0	16.6	7.6	18.5	22.6	9.8	24.1	26.7	9.5
Chronic Obstructive Pulmonary Disease	14	0.0	6.3	-----	14.3	11.4	-----	21.4	15.3	-----
Transient Cerebral Ischemia	16	0.0	0.9	-----	6.3	2.2	-----	6.3	3.8	-----
Stroke	41	26.8	19.1	-----	36.6	24.9	-----	36.6	28.7	-----
Hip Fracture	48	0.0	8.5	-----	12.5	14.9	-----	18.8	19.1	-----
Sepsis	14	35.7	31.0	-----	42.9	37.7	-----	42.9	42.8	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	7	14.3	5.1	-----	28.6	9.0	-----	28.6	11.7	-----
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	26	0.0	5.6	-----	3.8	10.0	-----	7.7	13.2	-----
Open Reduction of Hip Fracture	25	0.0	7.0	-----	8.0	12.7	-----	16.0	16.5	-----
Prostatectomy	123	0.0	0.9	1.3	0.0	2.2	2.9	2.4	3.8	2.8
Cholecystectomy	8	12.5	3.5	-----	12.5	7.4	-----	12.5	10.4	-----
Hysterectomy	4	0.0	0.4	-----	0.0	1.0	-----	0.0	1.7	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

MEMORIAL MEDICAL CENTER INC
Medicare Provider Number: 520173

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	75.7 years
Proportion female	47.8 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	42.0 %
Transferred from skilled nursing facility	4.6 %
Admitted for elective procedure	7.4 %
Admitted for emergency	11.6 %

COMORBIDITIES:

Cancer	7.5 %
Chronic cardiovascular disease	24.0 %
Chronic liver disease	1.1 %
Chronic renal disease	2.7 %
Chronic pulmonary disease	9.7 %
Cerebrovascular degeneration	5.6 %
Diabetes mellitus	6.4 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	42.6%
State	44.0%
Outside State	13.4%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	5.9 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	161
Occupancy Rate	44.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	46.1 %
Case Mix Index (CMI)	1.0750

STAFFING:

Total Number of Physicians	38
Percent of Physicians Board Certified Specialists	76.3 %
Medical Residents/Interns	0
Registered Nurses	102
Licensed Practical Nurses	40

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	Yes
Rehabilitation	No
Psychiatric	Yes
Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

MERCY HOSPITAL OF JANESVILLE

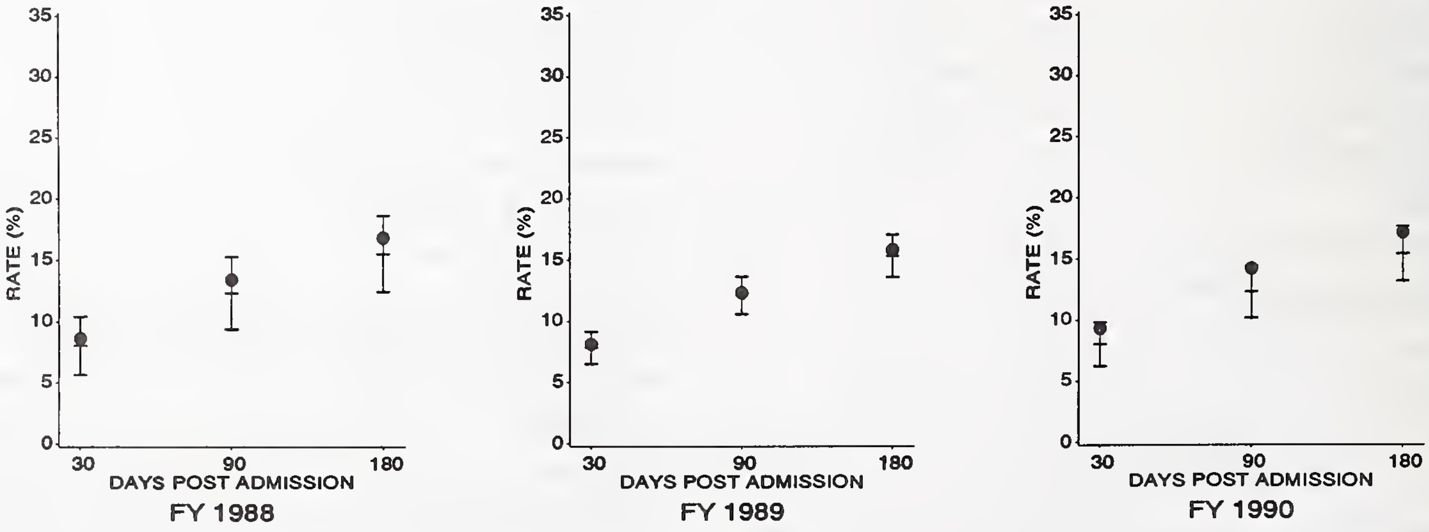
1000 MINERAL POINT AVENUE
JANESVILLE, WI 53545
Medicare Provider Number: 520066

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	1938	9.3	8.0	0.9	14.2	12.3	1.1	17.1	15.4	1.1
CONDITIONS:										
Acute Myocardial Infarction	57	29.8	25.5	6.8	33.3	27.9	6.7	35.1	30.4	7.0
Congestive Heart Failure	100	16.0	13.8	5.5	26.0	22.2	8.9	34.0	28.1	9.5
Pneumonia/Influenza	51	15.7	14.8	5.4	17.6	20.0	6.3	21.6	24.1	7.2
Chronic Obstructive Pulmonary Disease	32	12.5	6.0	-----	18.8	11.0	-----	21.9	14.7	-----
Transient Cerebral Ischemia	30	6.7	1.9	-----	16.7	4.4	-----	16.7	7.1	-----
Stroke	63	23.8	20.3	6.9	33.3	27.0	9.7	34.9	30.6	10.0
Hip Fracture	58	10.3	5.5	4.7	17.2	9.9	7.5	19.0	13.0	9.4
Sepsis	22	18.2	23.2	-----	31.8	31.7	-----	36.4	36.6	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	15	13.3	4.6	-----	26.7	8.8	-----	26.7	12.2	-----
Carotid Endarterectomy	8	0.0	1.2	-----	0.0	2.2	-----	0.0	3.2	-----
Hip Replacement/Reconstruction	65	1.5	1.5	1.8	4.6	2.8	3.0	6.2	4.0	4.1
Open Reduction of Hip Fracture	31	6.5	4.8	-----	12.9	8.8	-----	12.9	11.9	-----
Prostatectomy	84	1.2	0.9	1.1	2.4	2.1	1.7	2.4	3.6	2.6
Cholecystectomy	49	4.1	3.3	-----	4.1	6.1	-----	4.1	8.0	-----
Hysterectomy	24	0.0	0.1	-----	0.0	0.3	-----	0.0	0.5	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988 FY 1989 FY 1990

MERCY HOSPITAL OF JANESVILLE

Medicare Provider Number: 520066

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	74.1 years
Proportion female	57.2 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	57.9 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	23.4 %
Admitted for emergency	27.4 %

COMORBIDITIES:

Cancer	7.5 %
Chronic cardiovascular disease	28.6 %
Chronic liver disease	1.3 %
Chronic renal disease	2.5 %
Chronic pulmonary disease	12.5 %
Cerebrovascular degeneration	5.6 %
Diabetes mellitus	5.0 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	84.5%
State	12.9%
Outside State	2.6%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	7.2 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	212
Occupancy Rate	59.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	32.5 %
Case Mix Index (CMI)	1.2425

STAFFING:

Total Number of Physicians	115
Percent of Physicians Board Certified Specialists	81.7 %
Medical Residents/Interns	0
Registered Nurses	198
Licensed Practical Nurses	17

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	Yes
Medicare Swing Beds	No

*** Not used in calculating mortality rates**

MERCY MEDICAL CENTER

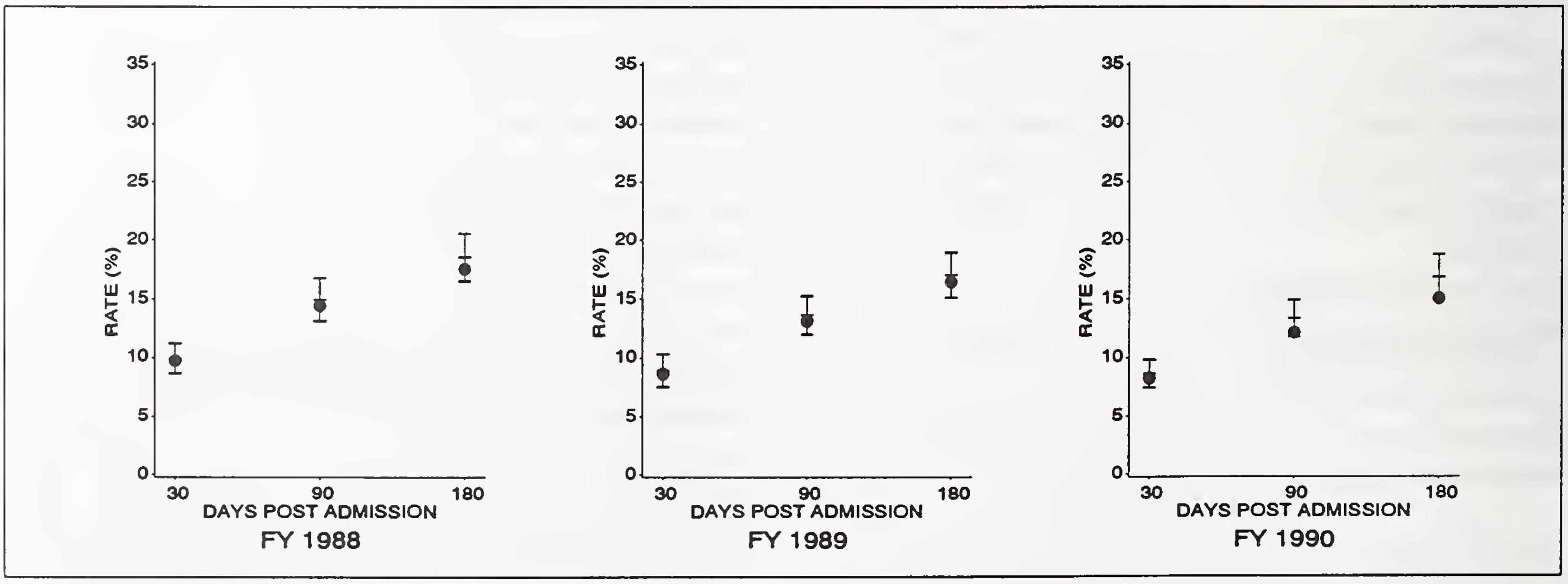
631 HAZEL ST, BOX 1100
OSHKOSH, WI 54901
Medicare Provider Number: 520048

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	2360	8.2	8.6	0.6	12.1	13.3	0.8	15.0	16.8	1.0
CONDITIONS:										
Acute Myocardial Infarction	67	22.4	28.0	8.8	26.9	32.1	8.8	31.3	35.1	9.5
Congestive Heart Failure	113	16.8	16.1	3.6	26.5	25.2	4.3	33.6	31.9	5.3
Pneumonia/Influenza	113	12.4	16.4	4.9	20.4	22.6	4.6	23.0	26.7	4.9
Chronic Obstructive Pulmonary Disease	19	5.3	8.3	-----	15.8	14.9	-----	26.3	19.2	-----
Transient Cerebral Ischemia	36	0.0	1.6	-----	0.0	3.7	-----	0.0	6.2	-----
Stroke	92	23.9	20.1	7.3	31.5	27.3	7.9	34.8	31.4	6.7
Hip Fracture	69	1.4	5.8	3.5	1.4	10.0	5.4	7.2	12.9	6.3
Sepsis	25	16.0	19.9	-----	16.0	27.8	-----	16.0	32.3	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	9	0.0	3.2	-----	0.0	6.5	-----	0.0	9.7	-----
Carotid Endarterectomy	10	0.0	1.3	-----	10.0	2.5	-----	20.0	3.8	-----
Hip Replacement/Reconstruction	40	0.0	3.9	-----	0.0	7.0	-----	5.0	9.0	-----
Open Reduction of Hip Fracture	38	0.0	4.4	-----	0.0	8.0	-----	2.6	10.7	-----
Prostatectomy	106	2.8	1.4	1.9	3.8	3.1	1.9	5.7	5.2	2.2
Cholecystectomy	53	3.8	2.5	3.5	9.4	4.5	4.9	11.3	5.9	5.6
Hysterectomy	24	0.0	0.6	-----	0.0	1.4	-----	0.0	2.4	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



MERCY MEDICAL CENTER

Medicare Provider Number: 520048

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	75.0 years
Proportion female	57.5 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	45.4 %
Transferred from skilled nursing facility	5.0 %
Admitted for elective procedure	21.8 %
Admitted for emergency	1.3 %

COMORBIDITIES:

Cancer	8.1 %
Chronic cardiovascular disease	36.1 %
Chronic liver disease	0.8 %
Chronic renal disease	2.4 %
Chronic pulmonary disease	15.2 %
Cerebrovascular degeneration	5.7 %
Diabetes mellitus	9.5 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	88.2%
State	10.8%
Outside State	1.0%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	8.6 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	234
Occupancy Rate	63.0 %
Ownership/Control	Church
Medicare Discharges	43.2 %
Case Mix Index (CMI)	1.2632

STAFFING:

Total Number of Physicians	97
Percent of Physicians Board Certified Specialists	88.7 %
Medical Residents/Interns	0
Registered Nurses	209
Licensed Practical Nurses	52

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	Yes
Rehabilitation	Yes
Psychiatric	Yes
Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

MERITER HOSPITAL INC

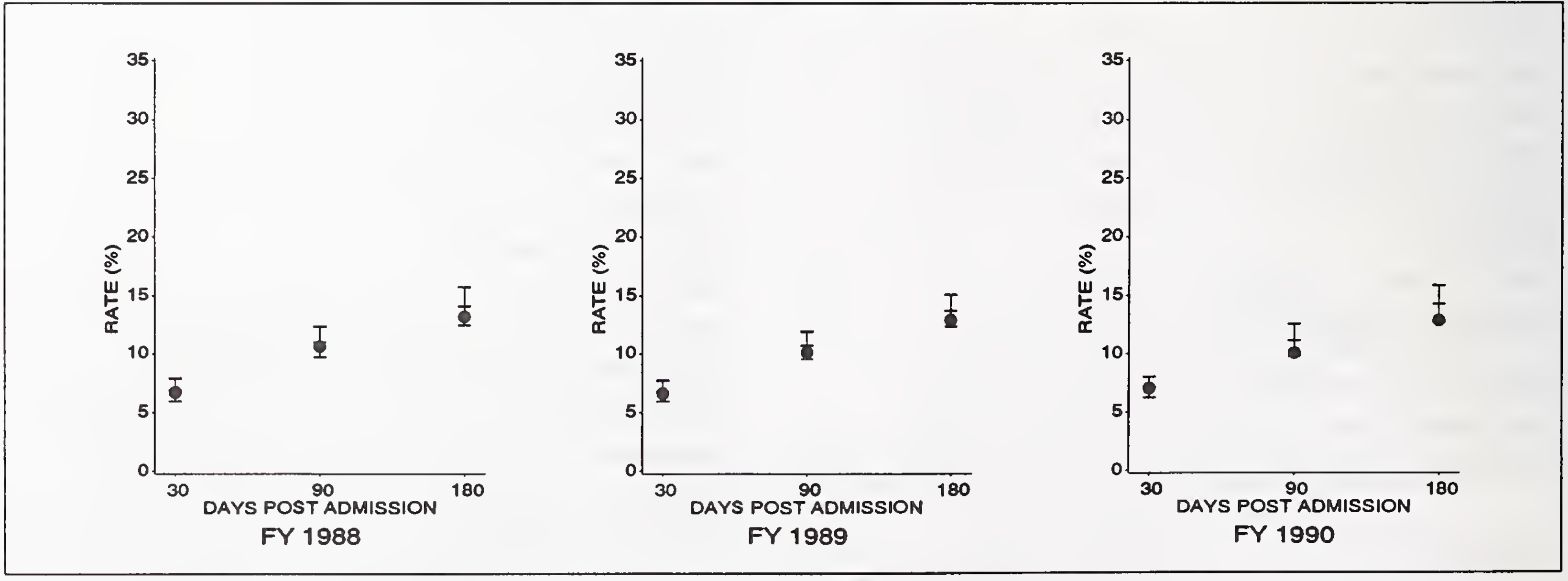
202 S PARK ST
MADISON, WI 53715
Medicare Provider Number: 520089

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD*	90 DAYS OBS	PRED	SD*	180 DAYS OBS	PRED	SD*
ALL CAUSES	3566	7.0	7.1	0.4	10.0	11.1	0.7	12.8	14.2	0.8
CONDITIONS:										
Acute Myocardial Infarction	87	21.8	28.0	7.1	23.0	31.3	7.9	26.4	34.2	8.2
Congestive Heart Failure	147	16.3	14.3	4.3	25.2	22.8	4.6	29.3	28.9	3.9
Pneumonia/Influenza	92	13.0	14.2	4.5	15.2	19.8	6.3	19.6	23.6	5.7
Chronic Obstructive Pulmonary Disease	45	4.4	7.8	-----	6.7	13.5	-----	8.9	17.8	-----
Transient Cerebral Ischemia	49	2.0	1.8	-----	4.1	4.1	-----	10.2	6.5	-----
Stroke	110	20.9	18.8	4.0	23.6	24.8	4.2	25.5	28.4	4.8
Hip Fracture	104	7.7	7.1	4.8	9.6	12.4	4.0	13.5	15.9	4.4
Sepsis	23	13.0	14.3	-----	13.0	18.6	-----	13.0	21.7	-----
PROCEDURES:										
Angioplasty	39	0.0	2.9	-----	0.0	3.8	-----	2.6	4.8	-----
Coronary Artery Bypass Graft	47	8.5	5.6	-----	10.6	7.8	-----	12.8	8.8	-----
Initial Pacemaker Insertion	29	0.0	4.0	-----	0.0	7.3	-----	3.4	10.6	-----
Carotid Endarterectomy	14	0.0	1.0	-----	0.0	1.9	-----	0.0	2.9	-----
Hip Replacement/Reconstruction	116	1.7	2.7	1.8	1.7	4.9	3.0	4.3	6.5	3.1
Open Reduction of Hip Fracture	39	10.3	7.0	-----	12.8	12.5	-----	15.4	16.3	-----
Prostatectomy	147	0.7	0.8	0.8	0.7	1.9	1.4	1.4	3.3	2.1
Cholecystectomy	78	0.0	1.9	2.2	2.6	3.8	2.9	3.8	5.3	3.6
Hysterectomy	25	0.0	0.6	-----	0.0	1.5	-----	0.0	2.5	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

MERITER HOSPITAL INC
Medicare Provider Number: 520089

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	73.5 years
Proportion female	55.9 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	52.8 %
Transferred from skilled nursing facility	0.5 %
Admitted for elective procedure	29.7 %
Admitted for emergency	40.1 %

COMORBIDITIES:

Cancer	7.4 %
Chronic cardiovascular disease	34.5 %
Chronic liver disease	0.8 %
Chronic renal disease	1.8 %
Chronic pulmonary disease	12.7 %
Cerebrovascular degeneration	5.3 %
Diabetes mellitus	6.1 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	72.4%
State	25.0%
Outside State	2.6%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	7.0 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1989

PROFILE:

Total Beds	468
Occupancy Rate	58.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	30.5 %
Case Mix Index (CMI)	1.3410

STAFFING:

Total Number of Physicians	348
Percent of Physicians Board Certified Specialists	78.7 %
Medical Residents/Interns	40
Registered Nurses	549
Licensed Practical Nurses	18

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	Yes
Rehabilitation	Yes
Psychiatric	Yes
Medicare Swing Beds	No

* Not used in calculating mortality rates

MILWAUKEE COUNTY MEDICAL COMPLEX

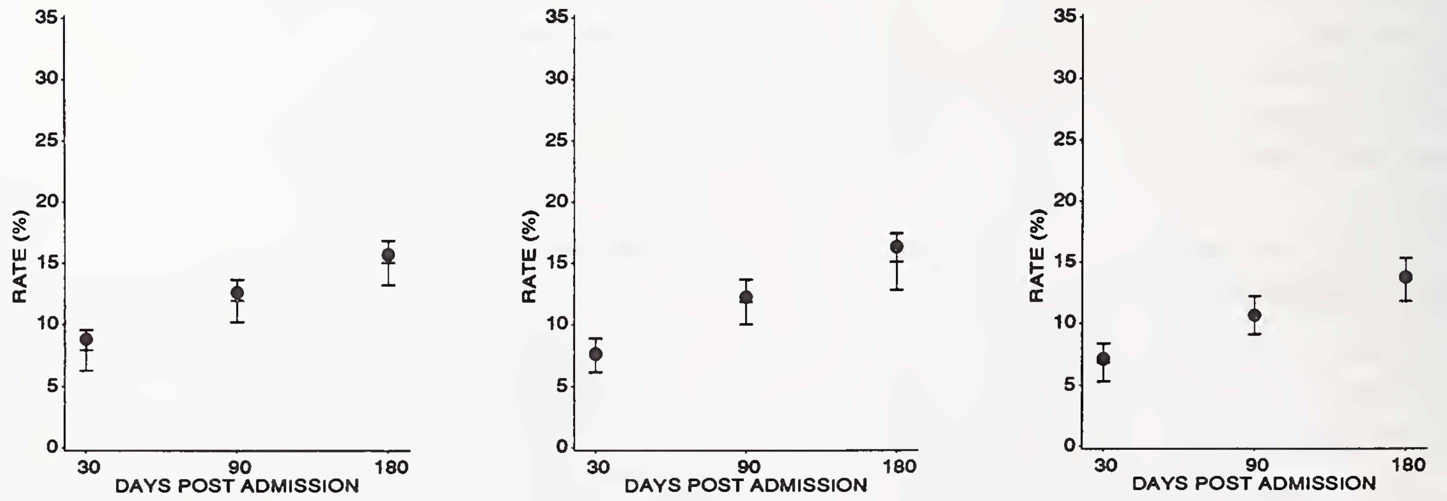
8700 W WISCONSIN AVE
WAUWAUTOSA, WI 53226
Medicare Provider Number: 520174

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD*	90 DAYS OBS	PRED	SD*	180 DAYS OBS	PRED	SD*
ALL CAUSES	1640	7.1	6.8	0.8	10.6	10.6	0.8	13.7	13.5	0.9
CONDITIONS:										
Acute Myocardial Infarction	45	17.8	19.1	-----	17.8	21.9	-----	24.4	24.3	-----
Congestive Heart Failure	76	9.2	13.7	6.7	15.8	21.9	9.4	27.6	28.1	10.8
Pneumonia/Influenza	29	17.2	13.3	-----	20.7	19.2	-----	20.7	23.0	-----
Chronic Obstructive Pulmonary Disease	9	0.0	6.7	-----	0.0	11.2	-----	11.1	15.2	-----
Transient Cerebral Ischemia	3	0.0	1.0	-----	0.0	2.1	-----	0.0	3.3	-----
Stroke	10	30.0	19.1	-----	40.0	26.4	-----	40.0	30.2	-----
Hip Fracture	31	9.7	8.2	-----	12.9	13.3	-----	19.4	16.5	-----
Sepsis	10	30.0	28.4	-----	40.0	37.1	-----	40.0	41.8	-----
PROCEDURES:										
Angioplasty	27	7.4	3.6	-----	7.4	4.7	-----	11.1	5.7	-----
Coronary Artery Bypass Graft	30	10.0	4.5	-----	13.3	6.4	-----	13.3	7.3	-----
Initial Pacemaker Insertion	10	0.0	2.6	-----	0.0	5.4	-----	0.0	8.1	-----
Carotid Endarterectomy	11	9.1	1.0	-----	9.1	1.9	-----	9.1	2.8	-----
Hip Replacement/Reconstruction	39	2.6	3.4	-----	2.6	5.4	-----	5.1	6.8	-----
Open Reduction of Hip Fracture	15	6.7	6.3	-----	13.3	11.3	-----	20.0	14.6	-----
Prostatectomy	0									
Cholecystectomy	11	18.2	5.3	-----	36.4	9.0	-----	45.5	10.9	-----
Hysterectomy	10	0.0	1.4	-----	0.0	3.5	-----	10.0	5.9	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

MILWAUKEE COUNTY MEDICAL COMPLEX

Medicare Provider Number: 520174

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	68.2 years
Proportion female	49.9 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	42.7 %
Transferred from skilled nursing facility	0.4 %
Admitted for elective procedure	36.3 %
Admitted for emergency	40.7 %

COMORBIDITIES:

Cancer	8.0 %
Chronic cardiovascular disease	26.1 %
Chronic liver disease	1.1 %
Chronic renal disease	2.3 %
Chronic pulmonary disease	9.3 %
Cerebrovascular degeneration	6.3 %
Diabetes mellitus	7.2 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	65.8%
State	30.6%
Outside State	3.6%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	8.8 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1989

PROFILE:

Total Beds	373
Occupancy Rate	78.0 %
Ownership/Control	Local Government
Medicare Discharges	25.1 %
Case Mix Index (CMI)	1.3999

STAFFING:

Total Number of Physicians	435
Percent of Physicians Board Certified Specialists	84.6 %
Medical Residents/Interns	0
Registered Nurses	408
Licensed Practical Nurses	24

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	Yes
Rehabilitation	Yes
Psychiatric	Yes
Medicare Swing Beds	No

** Except for CMI

* Not used in calculating mortality rates

MYRTLE WERTH MEDICAL CENTER

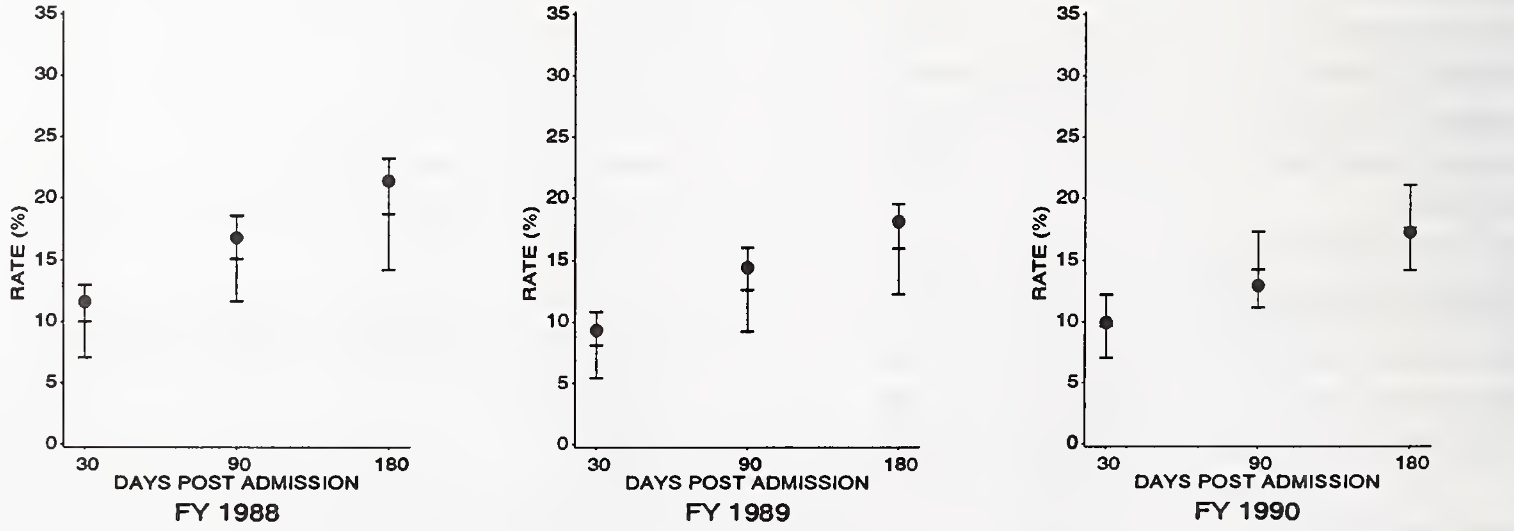
2321 STOUT RD
MENOMONIE, WI 54751
Medicare Provider Number: 520003

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	536	9.9	9.6	1.3	12.9	14.2	1.6	17.2	17.6	1.7
CONDITIONS:										
Acute Myocardial Infarction	30	20.0	30.2	-----	26.7	33.2	-----	30.0	35.9	-----
Congestive Heart Failure	37	21.6	17.6	-----	27.0	27.2	-----	29.7	34.1	-----
Pneumonia/Influenza	35	17.1	17.0	-----	20.0	23.9	-----	34.3	28.6	-----
Chronic Obstructive Pulmonary Disease	15	6.7	7.5	-----	13.3	13.2	-----	20.0	17.8	-----
Transient Cerebral Ischemia	8	25.0	1.9	-----	25.0	4.5	-----	25.0	7.5	-----
Stroke	27	22.2	19.0	-----	29.6	24.9	-----	33.3	28.8	-----
Hip Fracture	20	10.0	7.1	-----	10.0	12.6	-----	10.0	16.3	-----
Sepsis	3	0.0	15.4	-----	0.0	22.1	-----	0.0	26.9	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	17	0.0	2.2	-----	0.0	4.0	-----	0.0	5.4	-----
Open Reduction of Hip Fracture	7	14.3	6.9	-----	14.3	12.8	-----	14.3	16.6	-----
Prostatectomy	8	0.0	0.6	-----	0.0	1.5	-----	0.0	2.5	-----
Cholecystectomy	17	11.8	1.6	-----	11.8	2.9	-----	11.8	3.8	-----
Hysterectomy	1	0.0	0.1	-----	0.0	0.2	-----	0.0	0.3	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



MYRTLE WERTH MEDICAL CENTER
Medicare Provider Number: 520003

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	77.7 years
Proportion female	56.3 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	41.6 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	11.0 %
Admitted for emergency	1.3 %

COMORBIDITIES:

Cancer	5.4 %
Chronic cardiovascular disease	40.7 %
Chronic liver disease	0.2 %
Chronic renal disease	3.7 %
Chronic pulmonary disease	13.2 %
Cerebrovascular degeneration	9.3 %
Diabetes mellitus	6.2 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	76.5%
State	21.5%
Outside State	2.0%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	5.4 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1989

PROFILE:

Total Beds	55
Occupancy Rate	36.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	41.3 %
Case Mix Index (CMI)	1.1099

STAFFING:

Total Number of Physicians	19
Percent of Physicians Board Certified Specialists	84.2 %
Medical Residents/Interns	0
Registered Nurses	38
Licensed Practical Nurses	13

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

** Except for CMI

* Not used in calculating mortality rates

NEW LONDON FAMILY MEDICAL CENTER INC

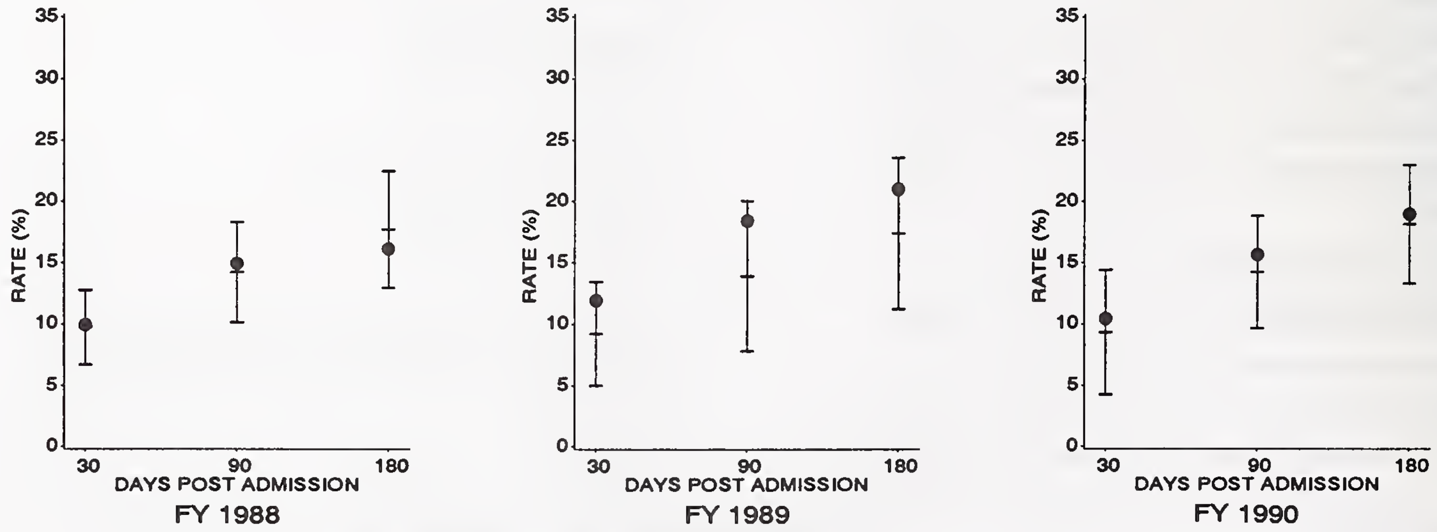
1405 MILL ST
NEW LONDON, WI 54961
Medicare Provider Number: 520053

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	365	10.4	9.3	2.5	15.6	14.2	2.3	18.9	18.1	2.4
CONDITIONS:										
Acute Myocardial Infarction	11	36.4	24.8	-----	36.4	27.6	-----	36.4	30.2	-----
Congestive Heart Failure	30	20.0	14.2	-----	26.7	22.2	-----	33.3	28.4	-----
Pneumonia/Influenza	24	20.8	16.1	-----	33.3	21.7	-----	33.3	25.8	-----
Chronic Obstructive Pulmonary Disease	5	20.0	5.7	-----	20.0	10.9	-----	40.0	15.6	-----
Transient Cerebral Ischemia	6	0.0	2.2	-----	0.0	5.1	-----	16.7	8.7	-----
Stroke	15	40.0	18.7	-----	40.0	26.4	-----	46.7	31.3	-----
Hip Fracture	8	0.0	4.6	-----	0.0	8.2	-----	0.0	10.7	-----
Sepsis	6	0.0	25.6	-----	33.3	32.8	-----	33.3	36.7	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	2.6	-----	0.0	5.9	-----	0.0	8.4	-----
Open Reduction of Hip Fracture	5	0.0	4.5	-----	0.0	8.5	-----	0.0	11.4	-----
Prostatectomy	27	0.0	1.6	-----	3.7	3.7	-----	7.4	6.1	-----
Cholecystectomy	3	0.0	1.4	-----	0.0	2.5	-----	0.0	3.7	-----
Hysterectomy	1	0.0	0.5	-----	0.0	1.3	-----	0.0	2.4	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD)
FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988 FY 1989 FY 1990

NEW LONDON FAMILY MEDICAL CENTER INC
Medicare Provider Number: 520053

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	78.7 years
Proportion female	52.6 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	66.3 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	32.3 %
Admitted for emergency	48.5 %

COMORBIDITIES:

Cancer	6.8 %
Chronic cardiovascular disease	43.6 %
Chronic liver disease	0.0 %
Chronic renal disease	3.0 %
Chronic pulmonary disease	14.0 %
Cerebrovascular degeneration	3.3 %
Diabetes mellitus	6.0 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	16.4%
State	82.7%
Outside State	0.9%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	5.4 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1989

PROFILE:

Total Beds	62
Occupancy Rate	33.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	36.7 %
Case Mix Index (CMI)	1.0707

STAFFING:

Total Number of Physicians	24
Percent of Physicians Board Certified Specialists	91.7 %
Medical Residents/Interns	0
Registered Nurses	31
Licensed Practical Nurses	9

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

** Except for CMI

*** Not used in calculating mortality rates**

NORTHWEST GENERAL HOSPITAL

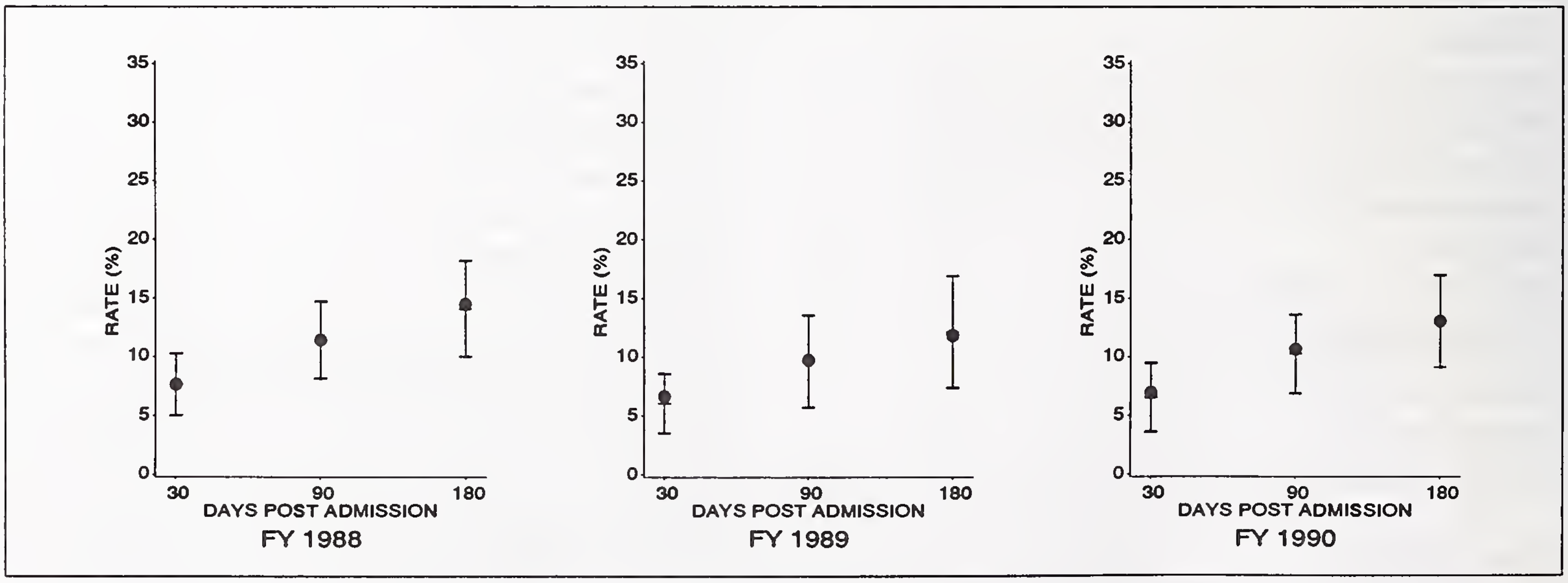
5310 WEST CAPITOL DR
MILWAUKEE, WI 53216
Medicare Provider Number: 520145

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD*	90 DAYS OBS	PRED	SD*	180 DAYS OBS	PRED	SD*
ALL CAUSES	331	6.9	6.5	1.5	10.6	10.2	1.7	13.0	13.0	2.0
CONDITIONS:										
Acute Myocardial Infarction	3	33.3	26.6	-----	66.7	28.9	-----	66.7	31.1	-----
Congestive Heart Failure	19	21.1	12.2	-----	26.3	19.4	-----	26.3	25.1	-----
Pneumonia/Influenza	16	25.0	18.3	-----	37.5	25.9	-----	43.8	31.1	-----
Chronic Obstructive Pulmonary Disease	2	0.0	7.5	-----	0.0	12.2	-----	0.0	15.0	-----
Transient Cerebral Ischemia	9	11.1	1.3	-----	11.1	2.9	-----	11.1	5.0	-----
Stroke	5	20.0	16.0	-----	20.0	21.1	-----	20.0	25.2	-----
Hip Fracture	4	0.0	6.7	-----	0.0	11.0	-----	0.0	13.7	-----
Sepsis	5	40.0	19.2	-----	40.0	26.5	-----	40.0	31.4	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	1.5	-----	0.0	3.0	-----	0.0	4.4	-----
Open Reduction of Hip Fracture	3	0.0	7.6	-----	0.0	12.8	-----	0.0	15.9	-----
Prostatectomy	5	0.0	2.2	-----	0.0	5.1	-----	0.0	8.6	-----
Cholecystectomy	4	0.0	1.0	-----	0.0	1.7	-----	0.0	2.3	-----
Hysterectomy	1	0.0	0.1	-----	0.0	0.2	-----	0.0	0.4	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

NORTHWEST GENERAL HOSPITAL
Medicare Provider Number: 520145

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	64.4 years
Proportion female	51.1 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	95.8 %
Transferred from skilled nursing facility	0.3 %
Admitted for elective procedure	24.8 %
Admitted for emergency	3.6 %

COMORBIDITIES:

Cancer	5.1 %
Chronic cardiovascular disease	29.3 %
Chronic liver disease	4.2 %
Chronic renal disease	1.8 %
Chronic pulmonary disease	11.5 %
Cerebrovascular degeneration	8.8 %
Diabetes mellitus	11.5 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	91.2%
State	5.5%
Outside State	3.3%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	7.5 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1989

PROFILE:

Total Beds	102
Occupancy Rate	43.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	25.2 %
Case Mix Index (CMI)	1.0058

STAFFING:

Total Number of Physicians	81
Percent of Physicians Board Certified Specialists	59.3 %
Medical Residents/Interns	1
Registered Nurses	45
Licensed Practical Nurses	12

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	Yes
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

*** Not used in calculating mortality rates**

NORTHWOODS HOSPITAL

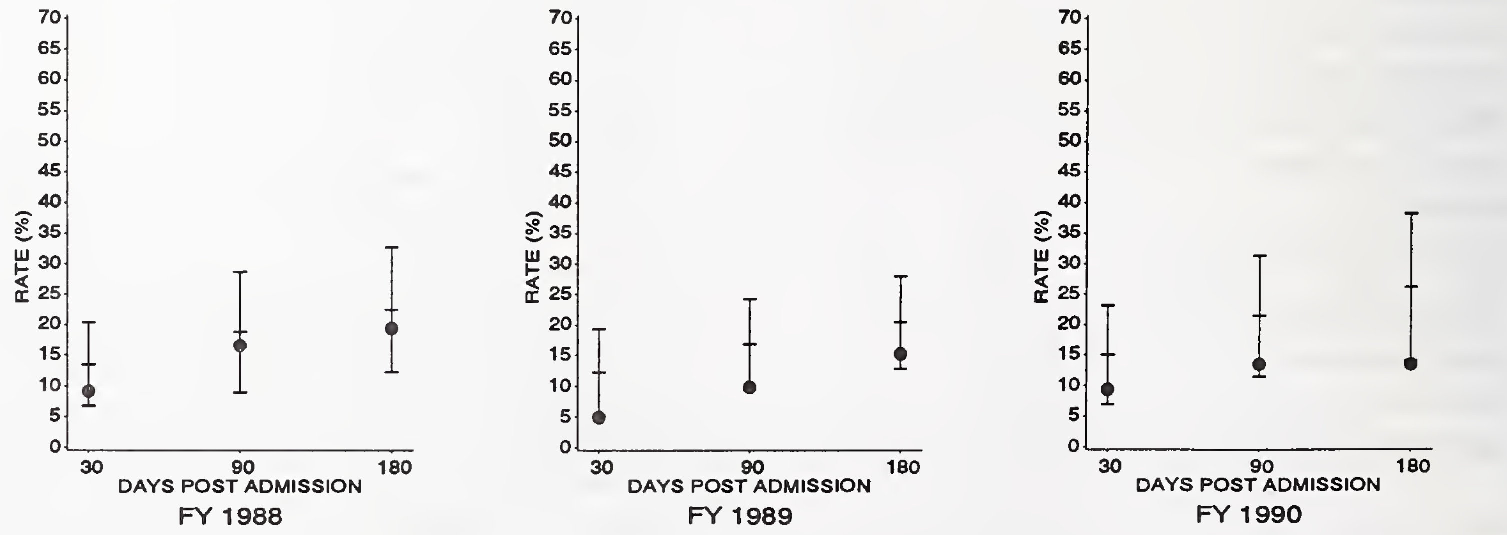
2383 HWY 17, BOX 26
PHELPS, WI 54554
Medicare Provider Number: 520120

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	97	9.3	15.0	4.1	13.4	21.3	5.0	13.4	26.1	6.0
CONDITIONS:										
Acute Myocardial infarction	5	20.0	39.3	-----	20.0	42.3	-----	20.0	46.0	-----
Congestive Heart Failure	11	18.2	17.4	-----	18.2	26.3	-----	18.2	33.2	-----
Pneumonia/Influenza	15	0.0	16.7	-----	6.7	22.8	-----	6.7	26.4	-----
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	1	0.0	1.7	-----	0.0	3.5	-----	0.0	5.0	-----
Stroke	3	0.0	25.1	-----	33.3	37.7	-----	33.3	44.4	-----
Hip Fracture	0									
Sepsis	1	0.0	14.3	-----	0.0	15.7	-----	0.0	17.8	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

NORTHWOODS HOSPITAL
Medicare Provider Number: 520120

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	77.7 years
Proportion female	57.7 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	2.1 %
Transferred from skilled nursing facility	11.3 %
Admitted for elective procedure	1.0 %
Admitted for emergency	8.2 %

COMORBIDITIES:

Cancer	8.2 %
Chronic cardiovascular disease	53.6 %
Chronic liver disease	1.0 %
Chronic renal disease	3.1 %
Chronic pulmonary disease	13.4 %
Cerebrovascular degeneration	1.0 %
Diabetes mellitus	11.3 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	53.4%
State	6.3%
Outside State	40.3%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	5.4 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	99
Occupancy Rate	86.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	45.1 %
Case Mix Index (CMI)	1.0382

STAFFING:

Total Number of Physicians	9
Percent of Physicians Board Certified Specialists	100.0 %
Medical Residents/Interns	0
Registered Nurses	7
Licensed Practical Nurses	5

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

** Except for CMI

* Not used in calculating mortality rates

OCONTO MEMORIAL HOSPITAL INC

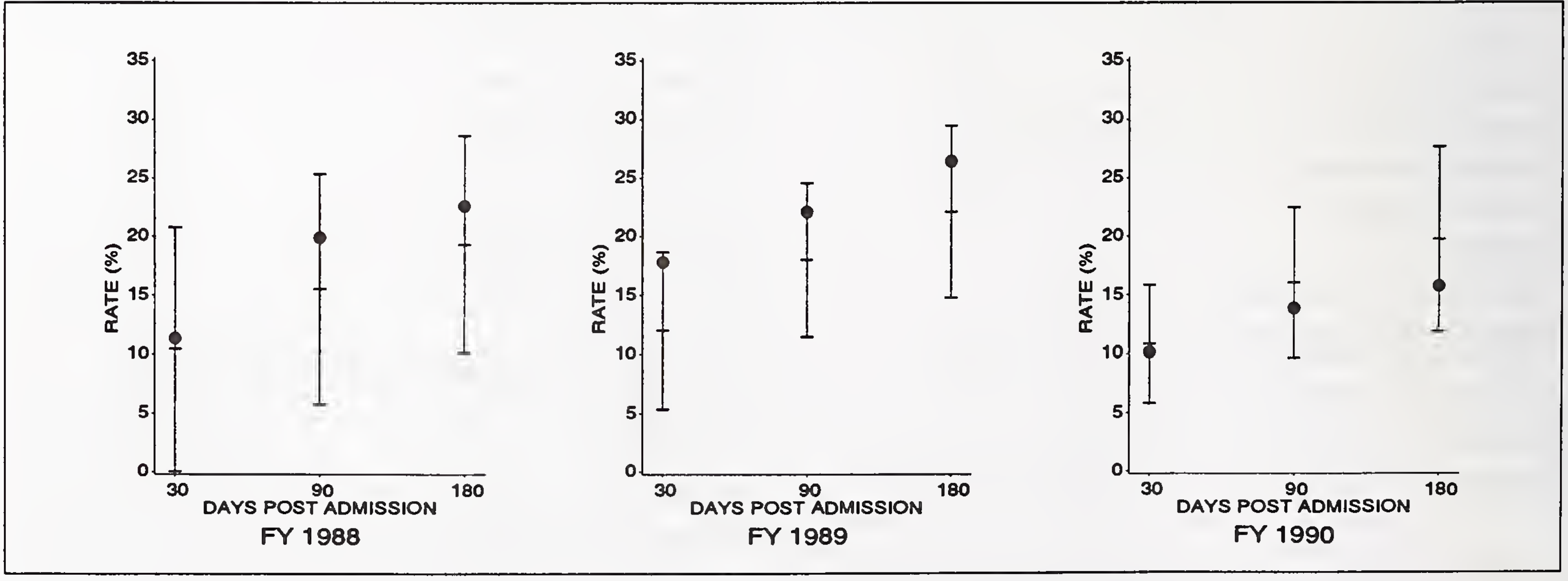
405 1ST ST
OCONTO, WI 54153
Medicare Provider Number: 520077

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD*	90 DAYS OBS	PRED	SD*	180 DAYS OBS	PRED	SD*
ALL CAUSES	159	10.1	10.8	2.5	13.8	16.0	3.2	15.7	19.7	4.0
CONDITIONS:										
Acute Myocardial Infarction	13	30.8	25.7	-----	30.8	28.7	-----	30.8	31.9	-----
Congestive Heart Failure	7	0.0	14.3	-----	0.0	23.1	-----	14.3	29.2	-----
Pneumonia/Influenza	11	18.2	11.6	-----	18.2	16.2	-----	27.3	19.2	-----
Chronic Obstructive Pulmonary Disease	3	33.3	8.1	-----	33.3	13.3	-----	33.3	18.9	-----
Transient Cerebral Ischemia	2	0.0	1.3	-----	0.0	3.2	-----	0.0	5.6	-----
Stroke	6	16.7	14.3	-----	33.3	20.8	-----	33.3	25.2	-----
Hip Fracture	0									
Sepsis	2	0.0	21.0	-----	50.0	34.4	-----	50.0	39.9	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	5	0.0	4.3	-----	0.0	8.4	-----	0.0	11.5	-----
Hysterectomy	0									

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



OCONTO MEMORIAL HOSPITAL INC
Medicare Provider Number: 520077

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	79.2 years
Proportion female	62.9 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	98.1 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	0.0 %
Admitted for emergency	0.0 %

COMORBIDITIES:	
Cancer	5.0 %
Chronic cardiovascular disease	28.9 %
Chronic liver disease	0.0 %
Chronic renal disease	1.9 %
Chronic pulmonary disease	5.7 %
Cerebrovascular degeneration	3.1 %
Diabetes mellitus	6.9 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	86.6%
State	9.2%
Outside State	4.2%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	5.3 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	30
Occupancy Rate	26.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	54.1 %
Case Mix Index (CMI)	1.0079
STAFFING:	
Total Number of Physicians	18
Percent of Physicians Board Certified Specialists	27.8 %
Medical Residents/Interns	0
Registered Nurses	10
Licensed Practical Nurses	5

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

** Except for CMI

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* Not used in calculating mortality rates

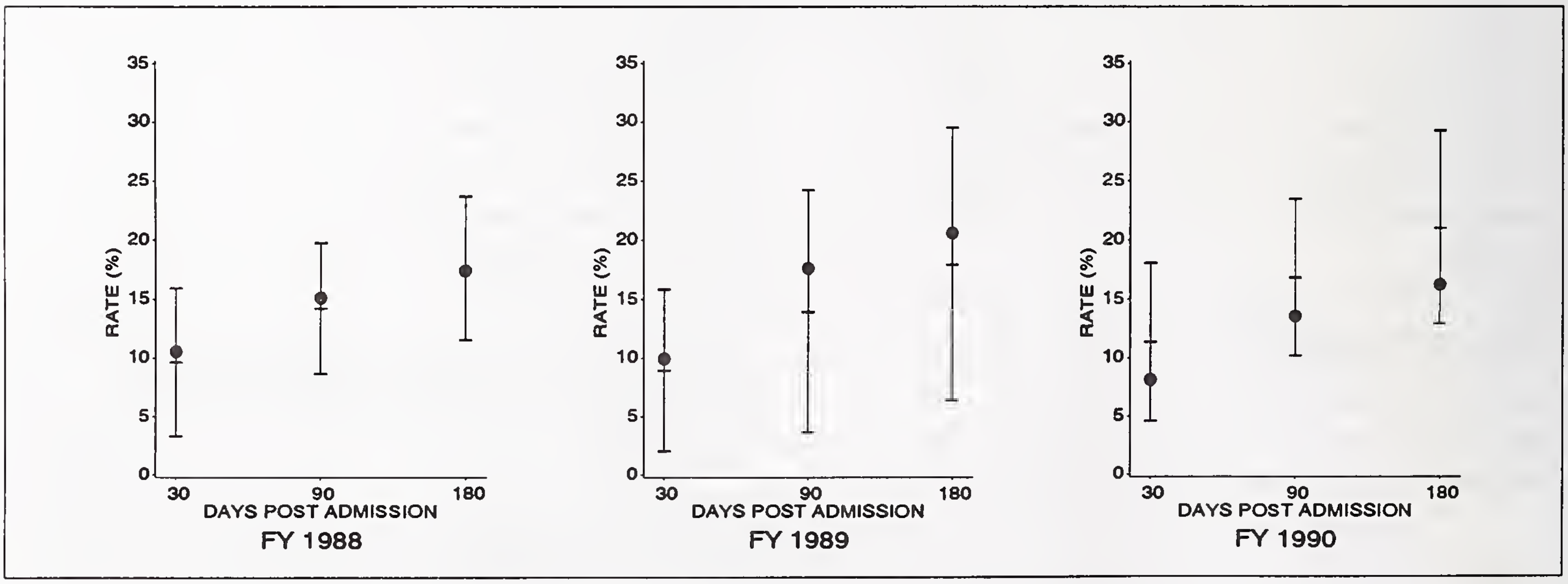
OSSEO AREA MUNICIPAL HOSPITAL
674 EAST 8TH STREET
OSSEO, WI 54758
Medicare Provider Number: 520118

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	148	8.1	11.3	3.4	13.5	16.8	3.3	16.2	21.0	4.1
CONDITIONS:										
Acute Myocardial Infarction	9	33.3	37.7	-----	33.3	40.9	-----	44.4	43.7	-----
Congestive Heart Failure	15	13.3	16.4	-----	13.3	24.9	-----	13.3	30.5	-----
Pneumonia/Influenza	11	0.0	19.9	-----	9.1	26.5	-----	9.1	31.3	-----
Chronic Obstructive Pulmonary Disease	2	50.0	8.8	-----	50.0	13.9	-----	50.0	19.2	-----
Transient Cerebral Ischemia	6	0.0	0.9	-----	0.0	2.4	-----	0.0	4.0	-----
Stroke	6	16.7	20.7	-----	16.7	29.2	-----	33.3	34.4	-----
Hip Fracture	0									
Sepsis	2	0.0	16.9	-----	50.0	21.2	-----	50.0	25.5	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	1	0.0	0.4	-----	0.0	1.1	-----	0.0	2.0	-----
Cholecystectomy	0									
Hysterectomy	0									

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



OSSEO AREA MUNICIPAL HOSPITAL

Medicare Provider Number: 520118

Y1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	80.2 years
Proportion female	52.0 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	36.5 %
Transferred from skilled nursing facility	12.2 %
Admitted for elective procedure	4.7 %
Admitted for emergency	8.1 %

COMORBIDITIES:	
Cancer	2.7 %
Chronic cardiovascular disease	48.6 %
Chronic liver disease	0.0 %
Chronic renal disease	2.7 %
Chronic pulmonary disease	11.5 %
Cerebrovascular degeneration	7.4 %
Diabetes mellitus	5.4 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	65.2%
State	33.7%
Outside State	1.1%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	4.4 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1989

PROFILE:	
Total Beds	109
Occupancy Rate	67.0 %
Ownership/Control	Local Government
Medicare Discharges	52.5 %
Case Mix Index (CMI)	0.9402
STAFFING:	
Total Number of Physicians	4
Percent of Physicians Board Certified Specialists	75.0 %
Medical Residents/Interns	0
Registered Nurses	4
Licensed Practical Nurses	3

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

** Except for CMI

Not used in calculating mortality rates

PRAIRIE DU CHIEN MEMORIAL HOSPITAL

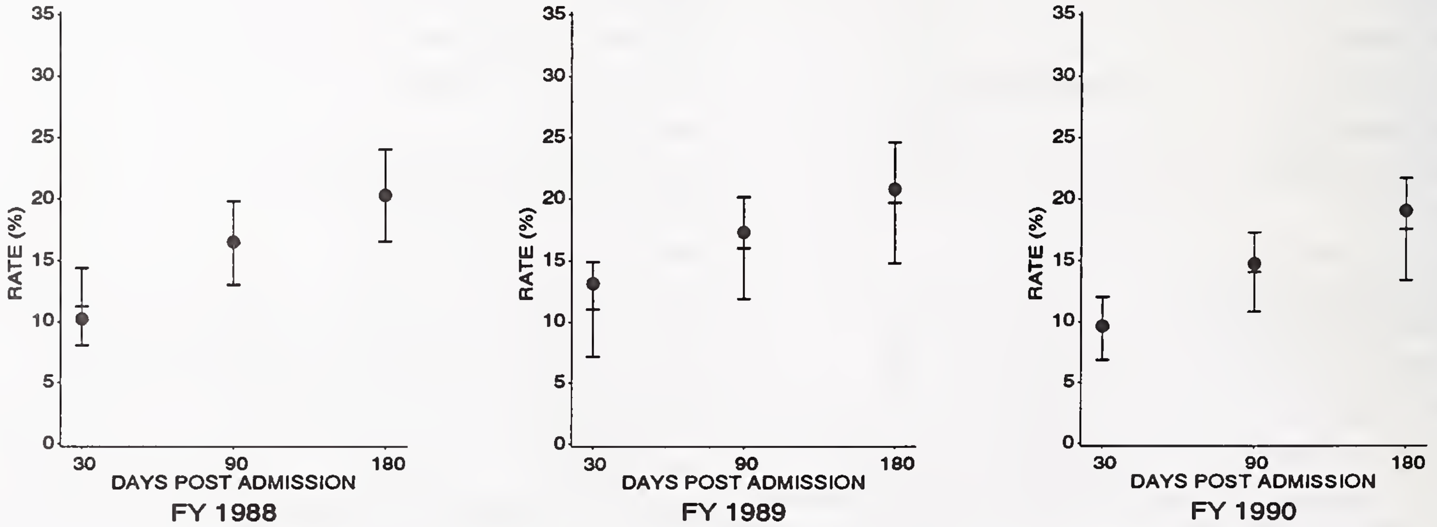
705 EAST TAYLOR STREET
PRAIRIE DU CHIEN, WI 53821
Medicare Provider Number: 520134

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	511	9.6	9.4	1.3	14.7	14.0	1.6	19.0	17.5	2.1
CONDITIONS:										
Acute Myocardial Infarction	13	23.1	28.4	-----	23.1	32.2	-----	23.1	35.2	-----
Congestive Heart Failure	40	30.0	16.1	-----	35.0	25.3	-----	37.5	31.6	-----
Pneumonia/Influenza	51	3.9	15.0	7.3	13.7	20.5	6.5	29.4	24.5	8.6
Chronic Obstructive Pulmonary Disease	12	0.0	9.5	-----	8.3	17.4	-----	8.3	23.1	-----
Transient Cerebral Ischemia	11	0.0	1.1	-----	0.0	2.6	-----	0.0	4.5	-----
Stroke	21	23.8	17.3	-----	42.9	23.1	-----	42.9	26.7	-----
Hip Fracture	16	18.8	6.1	-----	25.0	10.6	-----	25.0	13.9	-----
Sepsis	23	13.0	26.1	-----	21.7	33.4	-----	34.8	38.1	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	2.2	-----	0.0	4.1	-----	0.0	6.3	-----
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	9	11.1	5.1	-----	22.2	9.5	-----	22.2	12.6	-----
Open Reduction of Hip Fracture	5	0.0	3.8	-----	0.0	7.7	-----	0.0	10.7	-----
Prostatectomy	5	0.0	1.7	-----	20.0	3.9	-----	20.0	6.3	-----
Cholecystectomy	10	0.0	0.9	-----	0.0	1.7	-----	0.0	2.4	-----
Hysterectomy	0									

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

PRAIRIE DU CHIEN MEMORIAL HOSPITAL
Medicare Provider Number: 520134

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	77.2 years
Proportion female	58.3 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	30.9 %
Transferred from skilled nursing facility	0.4 %
Admitted for elective procedure	0.6 %
Admitted for emergency	1.0 %

COMORBIDITIES:

Cancer	3.7 %
Chronic cardiovascular disease	36.2 %
Chronic liver disease	0.2 %
Chronic renal disease	2.5 %
Chronic pulmonary disease	18.8 %
Cerebrovascular degeneration	2.5 %
Diabetes mellitus	5.9 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	59.2%
State	15.7%
Outside State	25.1%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	5.6 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	49
Occupancy Rate	67.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	55.1 %
Case Mix Index (CMI)	1.1485

STAFFING:

Total Number of Physicians	11
Percent of Physicians Board Certified Specialists	72.7 %
Medical Residents/Interns	0
Registered Nurses	41
Licensed Practical Nurses	2

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

*** Not used in calculating mortality rates**

REEDSBURG MEMORIAL HOSPITAL INC

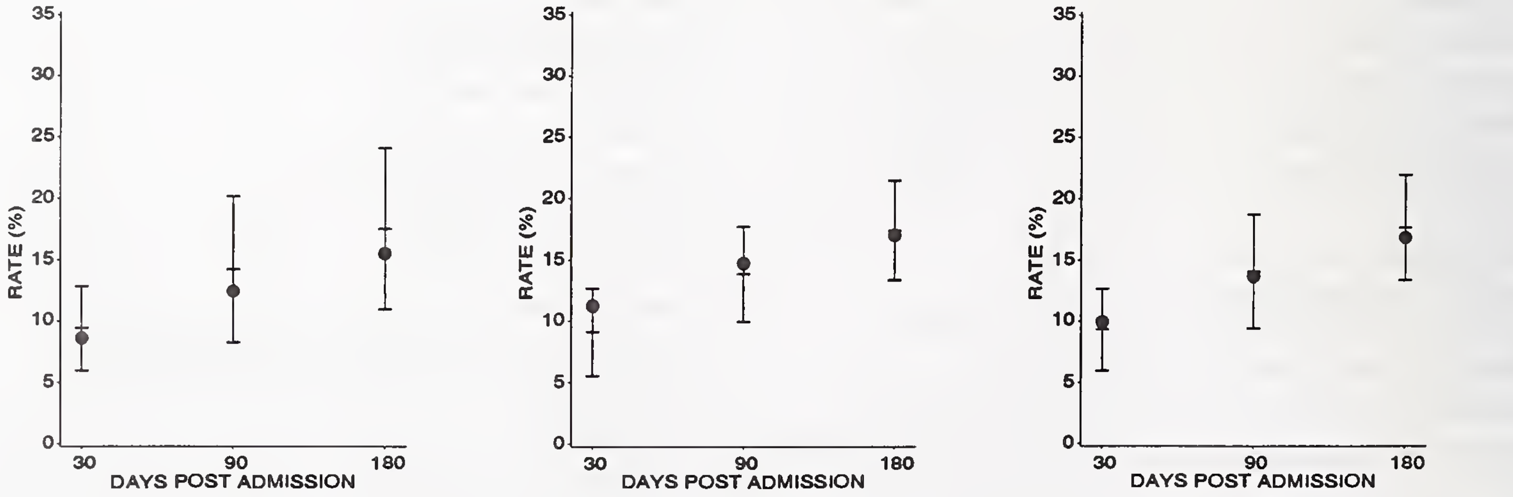
2000 NORTH DEWEY AVENUE
REEDSBURG, WI 53959
Medicare Provider Number: 520042

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	352	9.9	9.3	1.7	13.6	14.0	2.3	16.8	17.6	2.2
CONDITIONS:										
Acute Myocardial Infarction	13	46.2	36.3	-----	53.8	39.7	-----	53.8	42.5	-----
Congestive Heart Failure	21	14.3	17.7	-----	23.8	26.6	-----	28.6	33.7	-----
Pneumonia/Influenza	18	5.6	16.1	-----	11.1	22.0	-----	27.8	26.1	-----
Chronic Obstructive Pulmonary Disease	8	12.5	7.6	-----	12.5	13.5	-----	12.5	17.3	-----
Transient Cerebral Ischemia	5	0.0	1.9	-----	0.0	4.1	-----	0.0	6.5	-----
Stroke	11	18.2	15.3	-----	18.2	22.3	-----	18.2	26.2	-----
Hip Fracture	12	8.3	5.7	-----	8.3	11.0	-----	8.3	14.7	-----
Sepsis	5	60.0	41.6	-----	60.0	47.5	-----	60.0	51.9	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	6	0.0	3.5	-----	0.0	7.0	-----	0.0	9.8	-----
Open Reduction of Hip Fracture	3	0.0	4.0	-----	0.0	8.2	-----	0.0	11.7	-----
Prostatectomy	10	0.0	1.4	-----	0.0	3.5	-----	10.0	6.2	-----
Cholecystectomy	8	0.0	1.7	-----	0.0	2.6	-----	0.0	3.5	-----
Hysterectomy	1	0.0	15.2	-----	0.0	32.3	-----	0.0	46.4	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988 FY 1989 FY 1990

REEDSBURG MEMORIAL HOSPITAL INC
Medicare Provider Number: 520042

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	76.7 years
Proportion female	55.1 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	33.2 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	7.1 %
Admitted for emergency	92.3 %

COMORBIDITIES:

Cancer	7.1 %
Chronic cardiovascular disease	29.8 %
Chronic liver disease	1.1 %
Chronic renal disease	1.4 %
Chronic pulmonary disease	10.8 %
Cerebrovascular degeneration	10.2 %
Diabetes mellitus	8.8 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	84.4%
State	13.1%
Outside State	2.5%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	5.4 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	73
Occupancy Rate	100.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	27.7 %
Case Mix Index (CMI)	1.0295

STAFFING:

Total Number of Physicians	16
Percent of Physicians Board Certified Specialists	75.0 %
Medical Residents/Interns	0
Registered Nurses	28
Licensed Practical Nurses	7

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

*** Not used in calculating mortality rates**

RIPON MEMORIAL HOSPITAL INC

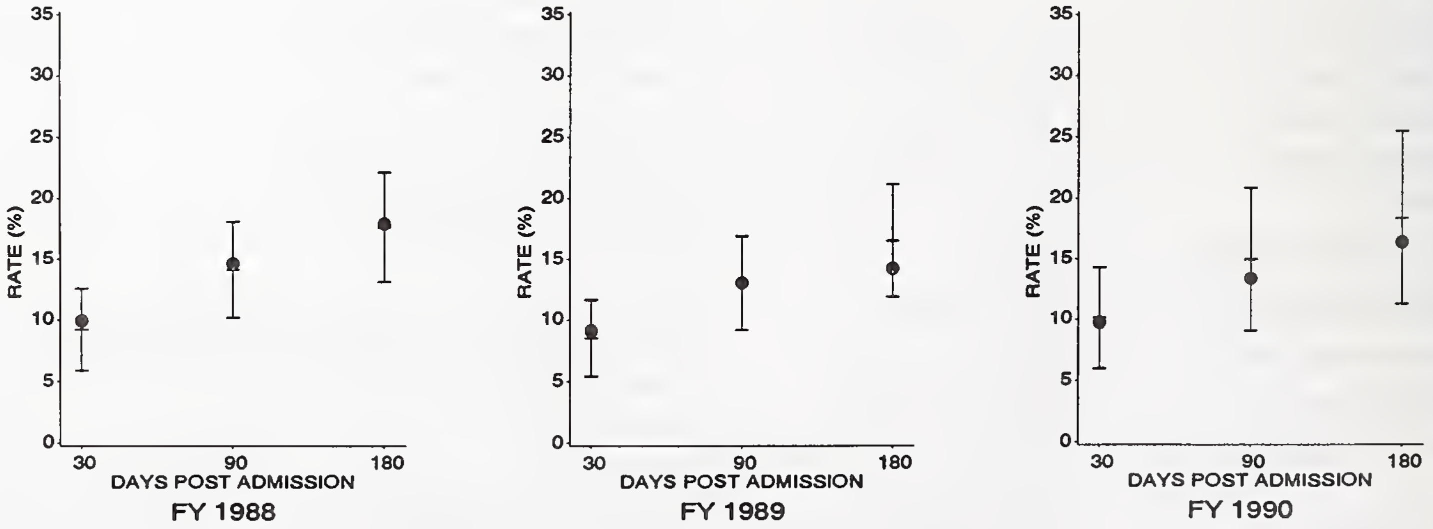
933 NEWBURY ST
RIPON, WI 54971
Medicare Provider Number: 520090

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

		MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
CATEGORY	NUMBER OF CASES	OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	392	9.7	10.1	2.1	13.3	14.9	2.9	16.3	18.3	3.6
CONDITIONS:										
Acute Myocardial Infarction	12	41.7	30.6	-----	50.0	33.4	-----	50.0	35.8	-----
Congestive Heart Failure	31	12.9	12.7	-----	19.4	20.0	-----	25.8	25.8	-----
Pneumonia/Influenza	32	12.5	17.8	-----	18.8	24.4	-----	25.0	28.8	-----
Chronic Obstructive Pulmonary Disease	5	0.0	8.3	-----	0.0	13.9	-----	0.0	17.9	-----
Transient Cerebral Ischemia	3	0.0	1.0	-----	0.0	2.2	-----	0.0	3.8	-----
Stroke	28	28.6	25.0	-----	28.6	31.7	-----	32.1	35.5	-----
Hip Fracture	11	9.1	4.2	-----	9.1	8.0	-----	9.1	10.9	-----
Sepsis	1	100.0	15.9	-----	100.0	23.7	-----	100.0	29.5	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	0.0	3.8	-----	0.0	7.8	-----	0.0	11.1	-----
Open Reduction of Hip Fracture	3	0.0	2.7	-----	0.0	5.1	-----	0.0	7.3	-----
Prostatectomy	14	0.0	0.7	-----	0.0	1.7	-----	0.0	3.2	-----
Cholecystectomy	10	20.0	3.3	-----	20.0	5.8	-----	20.0	7.4	-----
Hysterectomy	0									

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

RIPON MEMORIAL HOSPITAL INC

Medicare Provider Number: 520090

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	77.2 years
Proportion female	58.2 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	42.6 %
Transferred from skilled nursing facility	4.8 %
Admitted for elective procedure	11.5 %
Admitted for emergency	19.4 %

COMORBIDITIES:

Cancer	5.1 %
Chronic cardiovascular disease	32.4 %
Chronic liver disease	1.0 %
Chronic renal disease	1.0 %
Chronic pulmonary disease	11.2 %
Cerebrovascular degeneration	1.8 %
Diabetes mellitus	5.6 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	68.7%
State	29.2%
Outside State	2.1%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	5.0 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	40
Occupancy Rate	37.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	37.1 %
Case Mix Index (CMI)	1.1179

STAFFING:

Total Number of Physicians	19
Percent of Physicians Board Certified Specialists	94.7 %
Medical Residents/Interns	0
Registered Nurses	35
Licensed Practical Nurses	12

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

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* Not used in calculating mortality rates

RIVER FALLS AREA HOSPITAL INC

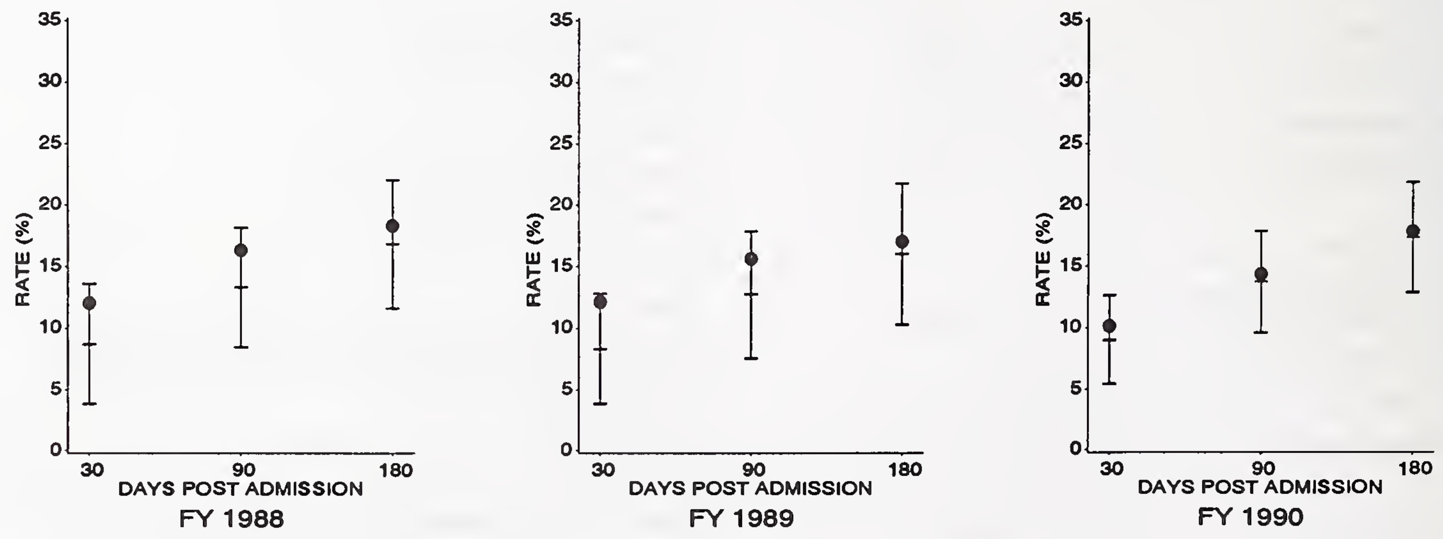
550 N MAIN STREET
RIVER FALLS, WI 54022
Medicare Provider Number: 520010

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

		MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
CATEGORY	NUMBER OF CASES	OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	286	10.1	9.0	1.8	14.3	13.7	2.1	17.8	17.3	2.3
CONDITIONS:										
Acute Myocardial Infarction	6	16.7	22.8	-----	16.7	28.1	-----	16.7	31.5	-----
Congestive Heart Failure	12	16.7	19.6	-----	33.3	29.7	-----	33.3	36.5	-----
Pneumonia/Influenza	21	14.3	19.4	-----	19.0	26.6	-----	19.0	31.4	-----
Chronic Obstructive Pulmonary Disease	1	0.0	4.3	-----	0.0	8.2	-----	0.0	13.0	-----
Transient Cerebral Ischemia	3	0.0	2.2	-----	0.0	5.0	-----	33.3	8.3	-----
Stroke	17	17.6	16.8	-----	23.5	24.6	-----	29.4	29.4	-----
Hip Fracture	11	27.3	6.3	-----	27.3	10.9	-----	27.3	14.0	-----
Sepsis	2	0.0	16.7	-----	0.0	20.6	-----	0.0	23.5	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	5	0.0	2.2	-----	0.0	4.4	-----	0.0	6.1	-----
Open Reduction of Hip Fracture	2	0.0	4.8	-----	0.0	9.5	-----	0.0	13.0	-----
Prostatectomy	9	0.0	0.8	-----	0.0	2.0	-----	0.0	3.5	-----
Cholecystectomy	8	25.0	4.5	-----	25.0	8.7	-----	25.0	11.8	-----
Hysterectomy	1	0.0	0.0	-----	0.0	0.1	-----	0.0	0.1	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



RIVER FALLS AREA HOSPITAL INC
Medicare Provider Number: 520010

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	77.8 years
Proportion female	64.5 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	44.6 %
Transferred from skilled nursing facility	12.5 %
Admitted for elective procedure	20.9 %
Admitted for emergency	0.3 %

COMORBIDITIES:

Cancer	8.0 %
Chronic cardiovascular disease	33.1 %
Chronic liver disease	0.7 %
Chronic renal disease	1.4 %
Chronic pulmonary disease	11.8 %
Cerebrovascular degeneration	5.9 %
Diabetes mellitus	6.3 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	82.7%
State	12.8%
Outside State	4.5%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	4.4 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1989

PROFILE:

Total Beds	105
Occupancy Rate	76.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	31.8 %
Case Mix Index (CMI)	1.1029

STAFFING:

Total Number of Physicians	17
Percent of Physicians Board Certified Specialists	88.2 %
Medical Residents/Interns	0
Registered Nurses	22
Licensed Practical Nurses	2

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

** Except for CMI

* Not used in calculating mortality rates

RIVERSIDE MEDICAL CENTER

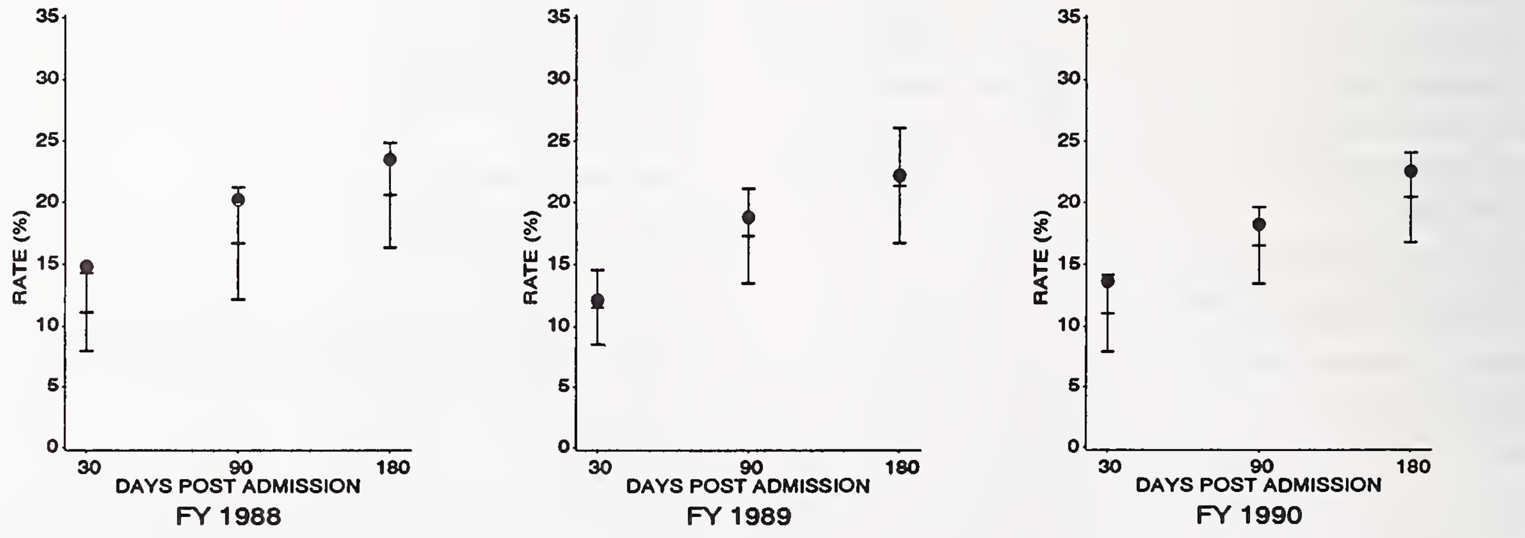
800 RIVERSIDE DRIVE
WAUPACA, WI 54981
Medicare Provider Number: 520154

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	661	13.6	11.0	1.6	18.2	16.5	1.6	22.5	20.4	1.8
CONDITIONS:										
Acute Myocardial Infarction	21	42.9	29.0	-----	42.9	31.4	-----	42.9	34.0	-----
Congestive Heart Failure	57	7.0	15.3	6.9	14.0	23.8	8.0	24.6	29.9	7.1
Pneumonia/Influenza	75	20.0	17.4	5.2	26.7	24.4	5.5	33.3	29.0	6.9
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	8	0.0	1.8	-----	0.0	3.7	-----	0.0	6.0	-----
Stroke	30	36.7	18.1	-----	40.0	24.7	-----	43.3	28.6	-----
Hip Fracture	30	6.7	7.0	-----	6.7	12.0	-----	16.7	15.5	-----
Sepsis	11	36.4	24.9	-----	36.4	31.8	-----	36.4	36.4	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	14	7.1	4.0	-----	7.1	7.6	-----	7.1	10.3	-----
Open Reduction of Hip Fracture	17	5.9	6.7	-----	5.9	11.8	-----	23.5	15.4	-----
Prostatectomy	32	3.1	1.2	-----	3.1	3.0	-----	6.3	5.3	-----
Cholecystectomy	3	0.0	1.1	-----	0.0	1.7	-----	0.0	2.4	-----
Hysterectomy	1	0.0	0.1	-----	0.0	0.3	-----	0.0	0.5	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



RIVERSIDE MEDICAL CENTER
Medicare Provider Number: 520154

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:		**COMORBIDITIES:**	
Average age at admission	78.0 years	Cancer	5.7 %
Proportion female	48.6 %	Chronic cardiovascular disease	44.8 %
ADMISSION SOURCES/TYPES:		Chronic liver disease	1.1 %
Referred by personal or HMO physician	20.1 %	Chronic renal disease	4.1 %
Transferred from skilled nursing facility	8.6 %	Chronic pulmonary disease	15.9 %
Admitted for elective procedure	12.4 %	Cerebrovascular degeneration	7.9 %
Admitted for emergency	3.5 %	Diabetes mellitus	7.4 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:		**MEDICARE AVERAGE LENGTH OF STAY:**	
County/City	82.6%	Hospital	6.0 Days
State	13.3%	State	7.4 Days
Outside State	4.1%	National	8.6 Days
Total	100.0%		

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:		**SPECIALTY SERVICES:**	
Total Beds	40	Burn Unit	No
Occupancy Rate	55.0 %	Cardiac Intensive Care	No
Ownership.Control	Private, Non-Profit	Comprehensive Geriatric	No
Medicare Discharges	55.0 %	Hospice Care	No
Case Mix Index (CMI)	1.1219	Medical/Surgical Intensive Care	Yes
STAFFING:		Organ/Tissue Transplant	No
Total Number of Physicians	19	Other Intensive Care	No
Percent of Physicians Board Certified Specialists	94.7 %	Trauma Center	No
		OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Medical Residents/Interns	0	Alcohol/Drug	No
Registered Nurses	47	Rehabilitation	No
Licensed Practical Nurses	7	Psychiatric	No
		Medicare Swing Beds	No

** Except for CMI

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* Not used in calculating mortality rates

RIVERVIEW HOSPITAL ASSOCIATION

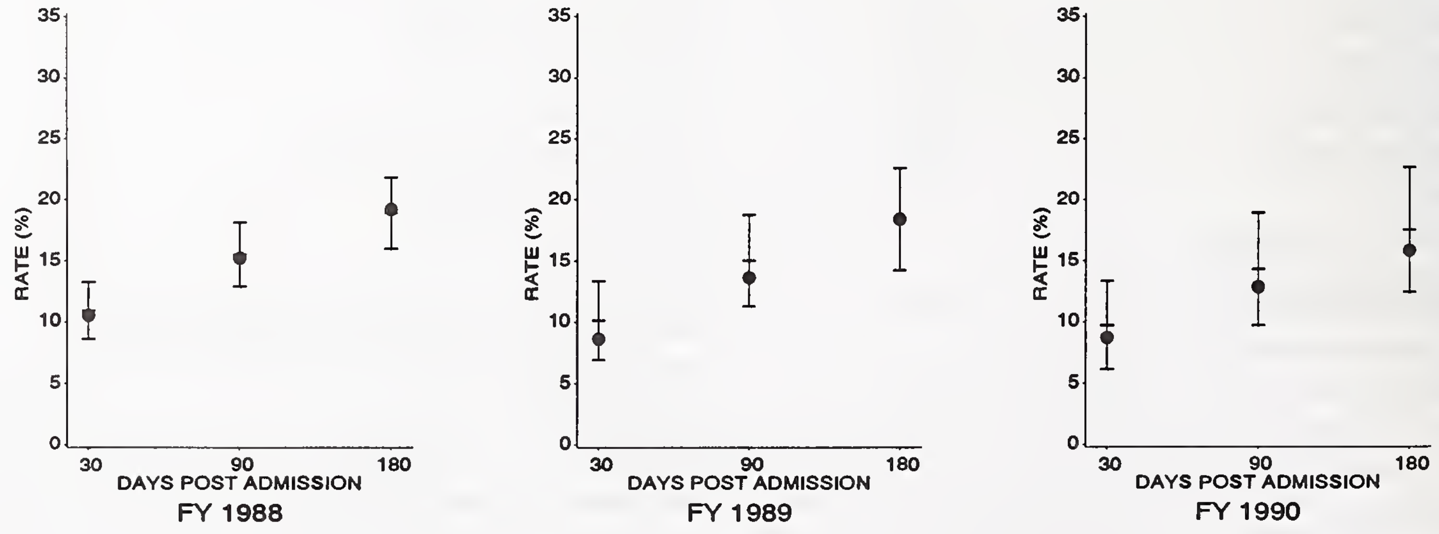
410 DEWEY STREET, BOX 8080
WISCONSIN RAPIDS, WI 54495
Medicare Provider Number: 520033

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	865	8.7	9.7	1.8	12.8	14.3	2.3	15.8	17.5	2.6
CONDITIONS:										
Acute Myocardial Infarction	31	29.0	27.6	-----	32.3	30.5	-----	38.7	33.2	-----
Congestive Heart Failure	72	18.1	14.6	5.3	20.8	22.8	5.6	29.2	29.0	6.1
Pneumonia/Influenza	55	7.3	15.1	7.1	9.1	21.1	8.7	10.9	24.7	9.4
Chronic Obstructive Pulmonary Disease	4	0.0	5.1	-----	25.0	9.6	-----	25.0	13.9	-----
Transient Cerebral Ischemia	18	0.0	1.6	-----	0.0	3.6	-----	5.6	5.9	-----
Stroke	53	11.3	19.1	8.7	18.9	25.9	9.7	20.8	29.8	10.0
Hip Fracture	31	6.5	6.5	-----	12.9	12.0	-----	12.9	16.1	-----
Sepsis	7	0.0	22.9	-----	28.6	28.5	-----	28.6	32.4	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	22	0.0	4.1	-----	13.6	8.0	-----	13.6	11.1	-----
Open Reduction of Hip Fracture	15	13.3	6.9	-----	13.3	13.1	-----	13.3	17.7	-----
Prostatectomy	35	0.0	0.9	-----	0.0	2.2	-----	5.7	3.7	-----
Cholecystectomy	19	0.0	1.5	-----	0.0	2.9	-----	0.0	4.1	-----
Hysterectomy	12	0.0	0.3	-----	0.0	0.7	-----	0.0	1.1	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988 FY 1989 FY 1990

RIVERVIEW HOSPITAL ASSOCIATION
Medicare Provider Number: 520033

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:		COMORBIDITIES:	
Average age at admission	76.2 years	Cancer	6.1 %
Proportion female	56.9 %	Chronic cardiovascular disease	34.9 %
ADMISSION SOURCES/TYPES:		Chronic liver disease	1.0 %
Referred by personal or HMO physician	46.4 %	Chronic renal disease	1.7 %
Transferred from skilled nursing facility	1.7 %	Chronic pulmonary disease	11.3 %
Admitted for elective procedure	15.4 %	Cerebrovascular degeneration	5.5 %
Admitted for emergency	58.7 %	Diabetes mellitus	6.1 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:		MEDICARE AVERAGE LENGTH OF STAY:	
County/City	91.0%	Hospital	6.3 Days
State	7.9%	State	7.4 Days
Outside State	1.1%	National	8.6 Days
Total	100.0%		

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:		SPECIALTY SERVICES:	
Total Beds	192	Burn Unit	No
Occupancy Rate	77.0 %	Cardiac Intensive Care	No
Ownership.Control	Private, Non-Profit	Comprehensive Geriatric	No
Medicare Discharges	34.1 %	Hospice Care	No
Case Mix Index (CMI)	1.1921	Medical/Surgical Intensive Care	Yes
STAFFING:		Organ/Tissue Transplant	Yes
Total Number of Physicians	43	Other Intensive Care	No
Percent of Physicians Board Certified Specialists	69.8 %	Trauma Center	No
Medical Residents/Interns	0	OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Registered Nurses	67	Alcohol/Drug	No
Licensed Practical Nurses	5	Rehabilitation	No
		Psychiatric	No
		Medicare Swing Beds	Yes

** Except for CMI

* Not used in calculating mortality rates

RUSK COUNTY MEMORIAL HOSPITAL

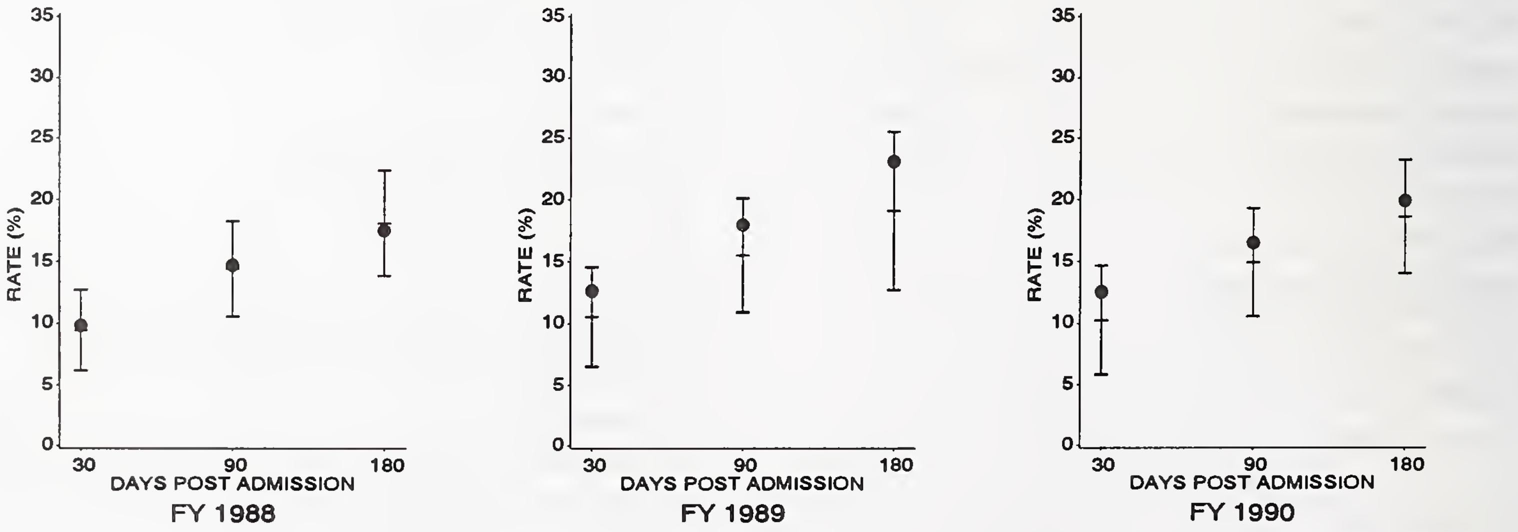
900 COLLEGE AVE WEST
LADYSMITH, WI 54848
Medicare Provider Number: 520039

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD*	90 DAYS OBS	PRED	SD*	180 DAYS OBS	PRED	SD*
ALL CAUSES	352	12.5	10.2	2.2	16.5	14.9	2.2	19.9	18.6	2.3
CONDITIONS:										
Acute Myocardial Infarction	25	28.0	28.5	-----	28.0	31.2	-----	28.0	34.2	-----
Congestive Heart Failure	22	13.6	13.6	-----	22.7	22.1	-----	27.3	28.9	-----
Pneumonia/Influenza	28	10.7	13.2	-----	21.4	18.3	-----	25.0	22.0	-----
Chronic Obstructive Pulmonary Disease	6	16.7	10.0	-----	33.3	20.3	-----	33.3	29.0	-----
Transient Cerebral Ischemia	2	50.0	1.4	-----	50.0	3.1	-----	50.0	5.3	-----
Stroke	20	20.0	17.1	-----	20.0	22.7	-----	25.0	26.8	-----
Hip Fracture	2	0.0	5.9	-----	0.0	13.0	-----	0.0	19.1	-----
Sepsis	3	0.0	37.9	-----	0.0	43.9	-----	33.3	47.3	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	10	0.0	0.7	-----	0.0	1.8	-----	0.0	3.2	-----
Cholecystectomy	4	0.0	2.2	-----	0.0	4.4	-----	0.0	6.1	-----
Hysterectomy	0									

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

RUSK COUNTY MEMORIAL HOSPITAL

Medicare Provider Number: 520039

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	77.3 years
Proportion female	48.9 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	46.0 %
Transferred from skilled nursing facility	1.7 %
Admitted for elective procedure	13.6 %
Admitted for emergency	0.3 %

COMORBIDITIES:

Cancer	7.7 %
Chronic cardiovascular disease	34.4 %
Chronic liver disease	0.9 %
Chronic renal disease	0.9 %
Chronic pulmonary disease	14.8 %
Cerebrovascular degeneration	11.1 %
Diabetes mellitus	7.1 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	76.5%
State	21.5%
Outside State	2.0%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	4.1 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1989

PROFILE:

Total Beds	141
Occupancy Rate	81.0 %
Ownership/Control	Local Government
Medicare Discharges	49.4 %
Case Mix Index (CMI)	1.0202

STAFFING:

Total Number of Physicians	16
Percent of Physicians Board Certified Specialists	100.0 %
Medical Residents/Interns	0
Registered Nurses	21
Licensed Practical Nurses	4

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

** Except for CMI

*** Not used in calculating mortality rates**

SACRED HEART HOSPITAL

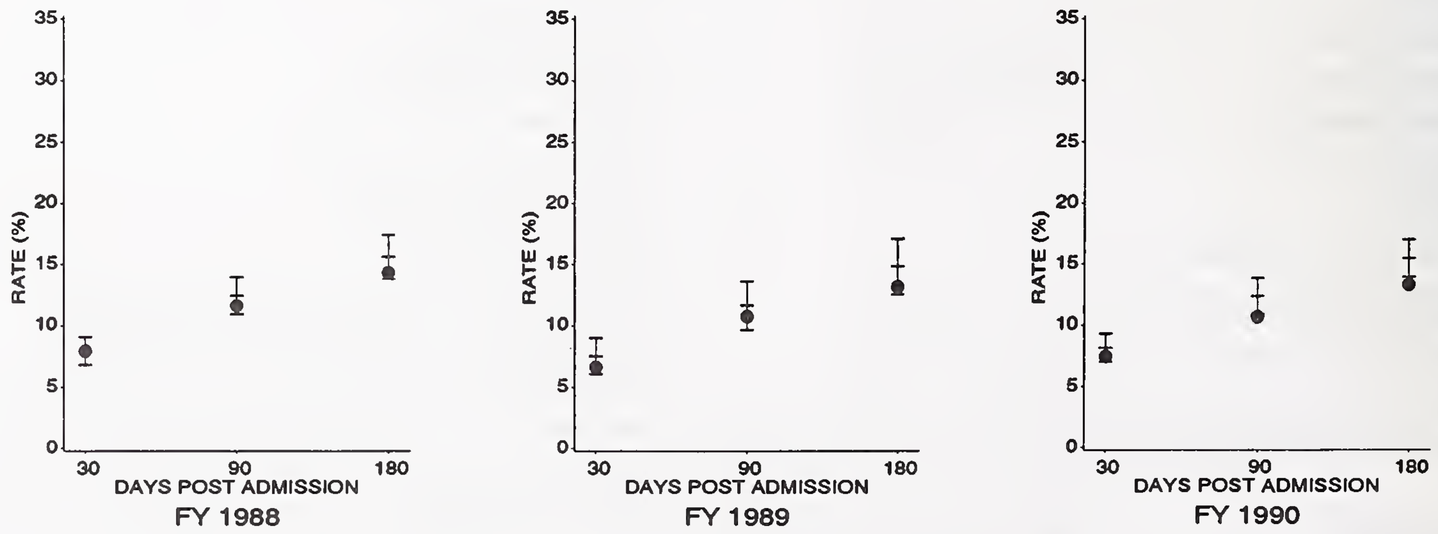
900 W CLAIREMONT AVE
EAU CLAIRE, WI 54701
Medicare Provider Number: 520013

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	2239	7.4	8.1	0.6	10.6	12.3	0.7	13.2	15.4	0.8
CONDITIONS:										
Acute Myocardial Infarction	70	21.4	25.1	5.5	30.0	28.3	7.5	31.4	31.1	5.9
Congestive Heart Failure	85	14.1	13.7	4.4	20.0	21.7	7.0	29.4	28.0	7.0
Pneumonia/Influenza	72	11.1	15.6	8.9	18.1	21.9	8.0	23.6	26.1	7.9
Chronic Obstructive Pulmonary Disease	37	8.1	5.6	-----	10.8	10.5	-----	10.8	14.7	-----
Transient Cerebral Ischemia	38	0.0	1.3	-----	5.3	3.1	-----	7.9	5.2	-----
Stroke	104	14.4	19.3	4.7	17.3	24.9	5.9	19.2	28.4	6.7
Hip Fracture	84	8.3	6.5	3.2	10.7	11.7	4.2	11.9	15.3	5.2
Sepsis	21	14.3	22.1	-----	14.3	27.4	-----	19.0	30.8	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	16	6.3	5.2	-----	12.5	9.3	-----	25.0	12.6	-----
Carotid Endarterectomy	21	4.8	1.1	-----	9.5	1.9	-----	9.5	2.9	-----
Hip Replacement/Reconstruction	65	3.1	2.7	2.2	6.2	5.0	3.2	6.2	6.8	3.4
Open Reduction of Hip Fracture	34	8.8	6.9	-----	14.7	13.1	-----	17.6	17.4	-----
Prostatectomy	78	1.3	1.3	1.5	1.3	3.2	2.6	3.8	5.4	2.9
Cholecystectomy	32	0.0	2.3	-----	3.1	4.0	-----	3.1	5.4	-----
Hysterectomy	19	0.0	0.2	-----	5.3	0.5	-----	10.5	0.9	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



SACRED HEART HOSPITAL

Medicare Provider Number: 520013

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	73.3 years
Proportion female	51.9 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	50.5 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	22.6 %
Admitted for emergency	15.2 %

COMORBIDITIES:

Cancer	7.8 %
Chronic cardiovascular disease	27.7 %
Chronic liver disease	0.7 %
Chronic renal disease	0.9 %
Chronic pulmonary disease	14.0 %
Cerebrovascular degeneration	6.5 %
Diabetes mellitus	6.9 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	52.9%
State	45.2%
Outside State	1.9%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	6.9 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	300
Occupancy Rate	45.0 %
Ownership/Control	Church
Medicare Discharges	42.7 %
Case Mix Index (CMI)	1.2711

STAFFING:

Total Number of Physicians	162
Percent of Physicians Board Certified Specialists	85.2 %
Medical Residents/Interns	0
Registered Nurses	198
Licensed Practical Nurses	40

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	Yes
Psychiatric	Yes
Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

SACRED HEART HOSPITAL

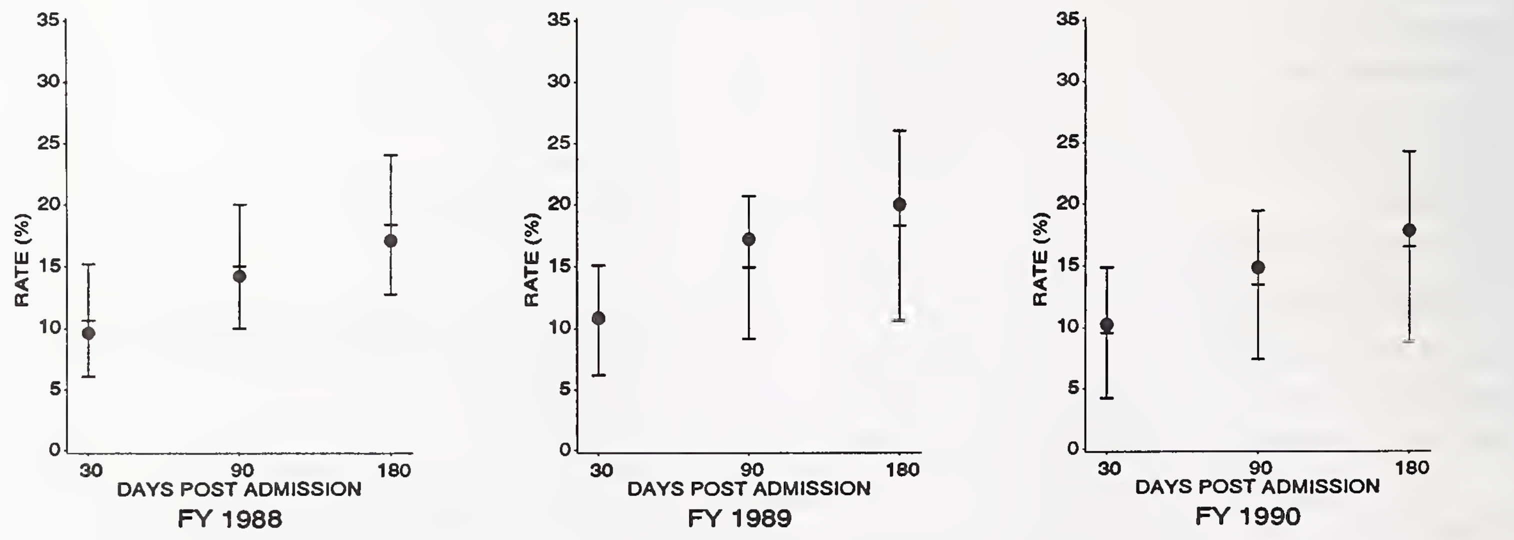
216 NORTH 7TH ST
TOMAHAWK, WI 54487
Medicare Provider Number: 520029

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	236	10.2	9.5	2.7	14.8	13.4	3.0	17.8	16.5	3.9
CONDITIONS:										
Acute Myocardial Infarction	11	45.5	33.7	-----	54.5	36.6	-----	54.5	39.7	-----
Congestive Heart Failure	16	31.3	15.2	-----	37.5	24.3	-----	37.5	31.3	-----
Pneumonia/Influenza	15	13.3	12.3	-----	20.0	16.3	-----	20.0	19.2	-----
Chronic Obstructive Pulmonary Disease	5	20.0	9.0	-----	20.0	16.0	-----	20.0	20.5	-----
Transient Cerebral Ischemia	5	0.0	1.4	-----	0.0	3.2	-----	0.0	5.3	-----
Stroke	7	28.6	24.4	-----	42.9	32.5	-----	57.1	37.3	-----
Hip Fracture	1	0.0	5.0	-----	0.0	8.9	-----	0.0	12.3	-----
Sepsis	7	14.3	38.4	-----	42.9	44.5	-----	42.9	48.6	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	6.4	-----	50.0	13.9	-----	50.0	20.2	-----
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	1	0.0	0.8	-----	0.0	1.7	-----	0.0	2.3	-----
Hysterectomy	0									

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

SACRED HEART HOSPITAL
Medicare Provider Number: 520029

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:		COMORBIDITIES:	
Average age at admission	75.9 years	Cancer	3.8 %
Proportion female	53.8 %	Chronic cardiovascular disease	45.3 %
ADMISSION SOURCES/TYPES:		Chronic liver disease	0.4 %
Referred by personal or HMO physician	28.4 %	Chronic renal disease	2.5 %
Transferred from skilled nursing facility	0.8 %	Chronic pulmonary disease	10.6 %
Admitted for elective procedure	15.7 %	Cerebrovascular degeneration	0.8 %
Admitted for emergency	17.4 %	Diabetes mellitus	9.3 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:		MEDICARE AVERAGE LENGTH OF STAY:	
County/City	76.6%	Hospital	5.7 Days
State	19.6%	State	7.4 Days
Outside State	3.8%	National	8.6 Days
Total	100.0%		

HOSPITAL CHARACTERISTICS*

SOURCE: Health Care Financing Administration (OSCAR)** - Survey Year 1990

PROFILE:		SPECIALTY SERVICES:	
Total Beds	60	Burn Unit	No
Ownership/Control	Church	Coronary Care Unit	No
Case Mix Index (CMI)	0.9103	Hospice Care	Yes
STAFFING:		Intensive Care Unit	No
Medical Residents/Interns	0	Organ Transplant	No
Registered Nurses	25	Trauma Center	No
Licensed Practical Nurses	2	OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
		Alcohol/Drug	Yes
		Rehabilitation	No
		Psychiatric	No
		Medicare Swing Beds	Yes

** Except for CMI

* Not used in calculating mortality rates

SAUK PRAIRIE MEMORIAL HOSPITAL

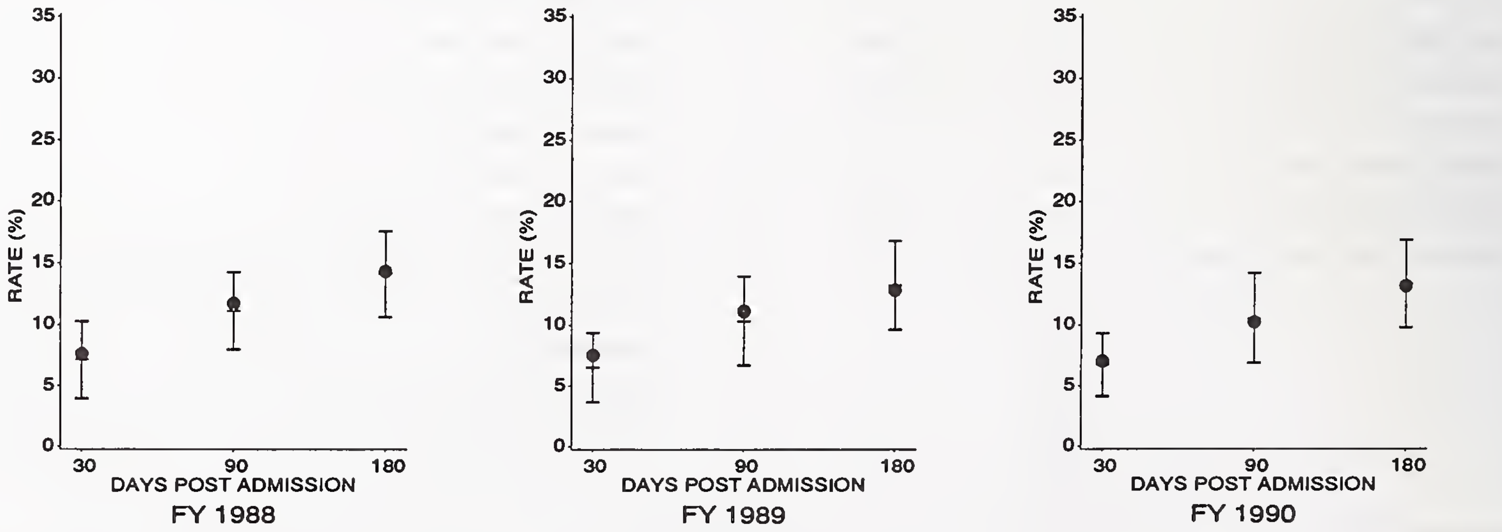
80 1ST ST
PRAIRIE DU SAC, WI 53578
Medicare Provider Number: 520095

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

		MORTALITY RATES (%)								
CATEGORY	NUMBER OF CASES	30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	443	7.0	6.7	1.3	10.2	10.5	1.8	13.1	13.3	1.8
CONDITIONS:										
Acute Myocardial Infarction	8	25.0	26.5	-----	25.0	29.7	-----	25.0	32.9	-----
Congestive Heart Failure	25	8.0	15.5	-----	16.0	24.2	-----	28.0	30.6	-----
Pneumonia/Influenza	19	15.8	12.8	-----	26.3	17.4	-----	26.3	21.0	-----
Chronic Obstructive Pulmonary Disease	5	0.0	8.4	-----	0.0	15.4	-----	0.0	20.4	-----
Transient Cerebral Ischemia	5	0.0	1.8	-----	40.0	4.0	-----	40.0	6.8	-----
Stroke	20	10.0	17.2	-----	15.0	22.5	-----	25.0	26.2	-----
Hip Fracture	15	6.7	5.7	-----	13.3	10.8	-----	20.0	14.5	-----
Sepsis	3	0.0	26.4	-----	0.0	30.6	-----	0.0	33.2	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	39	5.1	1.9	-----	5.1	3.7	-----	7.7	5.1	-----
Open Reduction of Hip Fracture	4	0.0	5.1	-----	25.0	9.5	-----	25.0	13.3	-----
Prostatectomy	17	0.0	0.9	-----	0.0	2.2	-----	0.0	3.8	-----
Cholecystectomy	11	9.1	2.7	-----	9.1	5.4	-----	9.1	7.6	-----
Hysterectomy	1	0.0	0.0	-----	0.0	0.1	-----	0.0	0.2	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

SAUK PRAIRIE MEMORIAL HOSPITAL
Medicare Provider Number: 520095

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:		COMORBIDITIES:	
Average age at admission	76.0 years	Cancer	5.4 %
Proportion female	51.2 %	Chronic cardiovascular disease	24.8 %
ADMISSION SOURCES/TYPES:		Chronic liver disease	1.8 %
Referred by personal or HMO physician	98.6 %	Chronic renal disease	3.4 %
Transferred from skilled nursing facility	0.2 %	Chronic pulmonary disease	10.4 %
Admitted for elective procedure	33.6 %	Cerebrovascular degeneration	2.3 %
Admitted for emergency	43.8 %	Diabetes mellitus	2.9 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:		MEDICARE AVERAGE LENGTH OF STAY:	
County/City	57.4%	Hospital	5.1 Days
State	40.6%	State	7.4 Days
Outside State	2.0%	National	8.6 Days

Total	100.0%		

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1989

PROFILE:		SPECIALTY SERVICES:	
Total Beds	39	Burn Unit	No
Occupancy Rate	51.0 %	Cardiac Intensive Care	No
Ownership.Control	Private, Non-Profit	Comprehensive Geriatric	Yes
Medicare Discharges	34.3 %	Hospice Care	No
Case Mix Index (CMI)	1.2529	Medical/Surgical Intensive Care	Yes
STAFFING:		Organ/Tissue Transplant	Yes
Total Number of Physicians	20	Other Intensive Care	No
Percent of Physicians Board Certified Specialists	90.0 %	Trauma Center	No
		OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Medical Residents/Interns	0	Alcohol/Drug	No
Registered Nurses	36	Rehabilitation	No
Licensed Practical Nurses	3	Psychiatric	No
		Medicare Swing Beds	Yes

** Except for CMI

* Not used in calculating mortality rates

SHAWANO COMMUNITY HOSPITAL

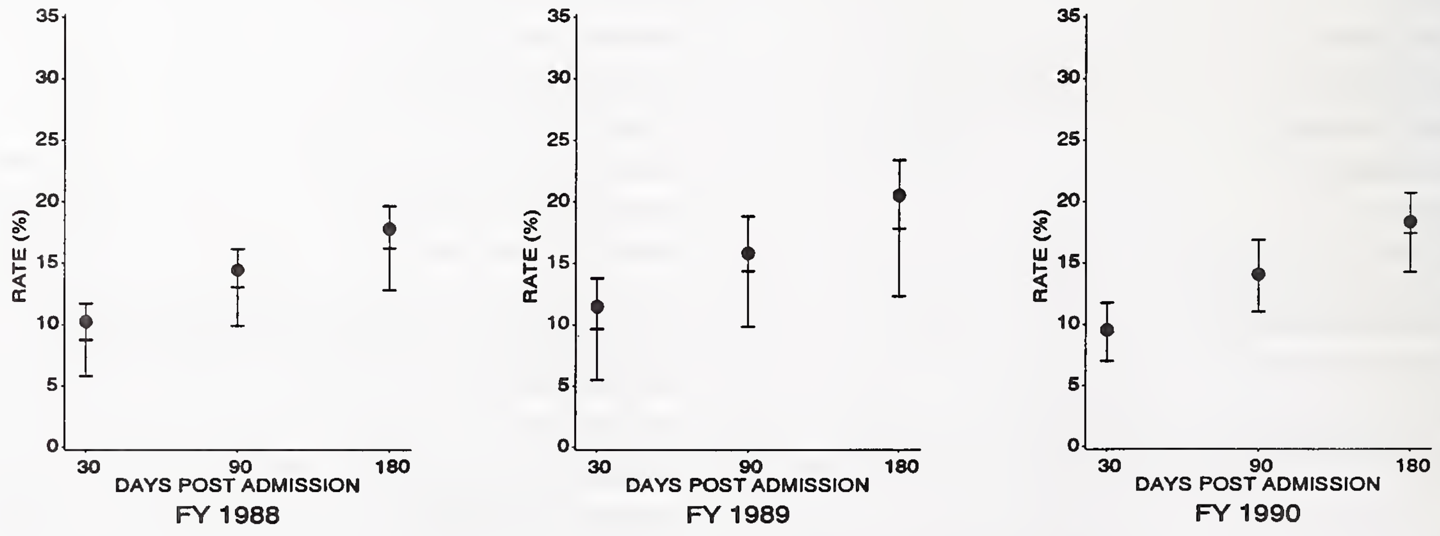
309 NORTH BARTLETTE STREET
SHAWANO, WI 54166
Medicare Provider Number: 520092

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	684	9.5	9.3	1.2	14.0	13.9	1.5	18.3	17.4	1.6
CONDITIONS:										
Acute Myocardial Infarction	38	28.9	31.4	-----	31.6	35.5	-----	34.2	38.2	-----
Congestive Heart Failure	50	18.0	14.7	-----	22.0	23.2	-----	34.0	29.0	-----
Pneumonia/Influenza	27	14.8	15.6	-----	25.9	21.4	-----	29.6	25.1	-----
Chronic Obstructive Pulmonary Disease	10	10.0	4.4	-----	10.0	8.2	-----	10.0	11.5	-----
Transient Cerebral Ischemia	8	0.0	2.2	-----	0.0	4.8	-----	12.5	7.7	-----
Stroke	25	36.0	24.7	-----	44.0	30.7	-----	44.0	34.7	-----
Hip Fracture	21	4.8	6.9	-----	14.3	12.3	-----	19.0	16.2	-----
Sepsis	8	12.5	21.8	-----	25.0	28.9	-----	25.0	33.3	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	6	0.0	5.5	-----	0.0	9.1	-----	0.0	12.0	-----
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	0.0	2.9	-----	0.0	5.8	-----	0.0	8.0	-----
Open Reduction of Hip Fracture	7	0.0	9.0	-----	14.3	17.2	-----	28.6	23.1	-----
Prostatectomy	18	0.0	0.7	-----	0.0	1.7	-----	0.0	3.0	-----
Cholecystectomy	25	4.0	2.2	-----	4.0	4.2	-----	4.0	5.6	-----
Hysterectomy	8	0.0	0.7	-----	0.0	1.6	-----	0.0	2.7	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

SHAWANO COMMUNITY HOSPITAL
Medicare Provider Number: 520092

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	76.6 years
Proportion female	52.3 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	38.5 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	9.1 %
Admitted for emergency	57.9 %

COMORBIDITIES:	
Cancer	6.9 %
Chronic cardiovascular disease	36.8 %
Chronic liver disease	0.4 %
Chronic renal disease	5.7 %
Chronic pulmonary disease	14.0 %
Cerebrovascular degeneration	2.8 %
Diabetes mellitus	6.3 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	77.2%
State	20.5%
Outside State	2.3%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	5.0 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	53
Occupancy Rate	43.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	46.8 %
Case Mix Index (CMI)	1.1338
STAFFING:	
Total Number of Physicians	25
Percent of Physicians Board Certified Specialists	48.0 %
Medical Residents/Interns	0
Registered Nurses	43
Licensed Practical Nurses	16

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

** Except for CMI

* Not used in calculating mortality rates

SHEBOYGAN MEMORIAL MEDICAL CENTER

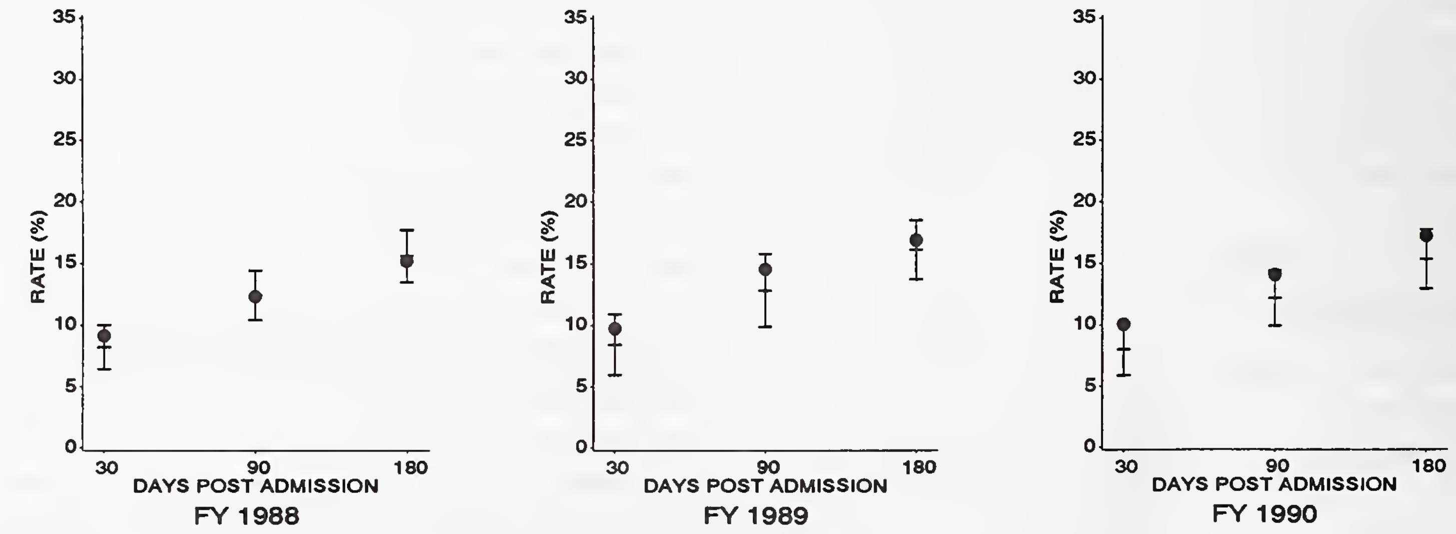
2629 N 7TH ST
SHEBOYGAN, WI 53083
Medicare Provider Number: 520035

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	1154	10.0	8.0	1.1	14.0	12.1	1.1	17.2	15.3	1.2
CONDITIONS:										
Acute Myocardial Infarction	38	36.8	29.9	-----	47.4	33.9	-----	47.4	37.0	-----
Congestive Heart Failure	50	14.0	13.5	-----	20.0	20.9	-----	26.0	26.8	-----
Pneumonia/Influenza	42	21.4	16.7	-----	31.0	23.3	-----	33.3	27.7	-----
Chronic Obstructive Pulmonary Disease	6	0.0	5.2	-----	0.0	8.8	-----	0.0	12.0	-----
Transient Cerebral Ischemia	5	0.0	1.2	-----	0.0	2.8	-----	0.0	4.6	-----
Stroke	53	22.6	18.8	10.9	32.1	24.5	13.5	34.0	28.0	12.6
Hip Fracture	27	11.1	8.4	-----	14.8	15.5	-----	22.2	20.1	-----
Sepsis	16	31.3	22.9	-----	31.3	30.2	-----	31.3	34.8	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	9	22.2	5.2	-----	22.2	8.2	-----	22.2	10.4	-----
Carotid Endarterectomy	2	0.0	0.7	-----	0.0	1.4	-----	0.0	2.3	-----
Hip Replacement/Reconstruction	32	6.3	4.0	-----	9.4	7.3	-----	12.5	9.4	-----
Open Reduction of Hip Fracture	12	8.3	6.8	-----	16.7	13.0	-----	25.0	17.0	-----
Prostatectomy	63	3.2	0.8	2.3	3.2	2.0	2.1	4.8	3.6	2.7
Cholecystectomy	33	0.0	1.8	-----	0.0	3.5	-----	0.0	4.9	-----
Hysterectomy	16	0.0	0.7	-----	0.0	1.5	-----	0.0	2.3	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



SHEBOYGAN MEMORIAL MEDICAL CENTER
Medicare Provider Number: 520035

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	73.1 years
Proportion female	56.0 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	50.3 %
Transferred from skilled nursing facility	2.0 %
Admitted for elective procedure	26.7 %
Admitted for emergency	37.5 %

COMORBIDITIES:	
Cancer	8.3 %
Chronic cardiovascular disease	32.3 %
Chronic liver disease	1.0 %
Chronic renal disease	2.3 %
Chronic pulmonary disease	9.5 %
Cerebrovascular degeneration	5.8 %
Diabetes mellitus	5.3 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	91.9%
State	7.1%
Outside State	1.0%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	7.1 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1989

PROFILE:	
Total Beds	138
Occupancy Rate	63.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	31.5 %
Case Mix Index (CMI)	1.2378
STAFFING:	
Total Number of Physicians	98
Percent of Physicians Board Certified Specialists	81.6 %
Medical Residents/Interns	0
Registered Nurses	111
Licensed Practical Nurses	29

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	Yes
Rehabilitation	No
Psychiatric	Yes
Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

SINAI SAMARITAN MEDICAL CENTER-MT SINAI

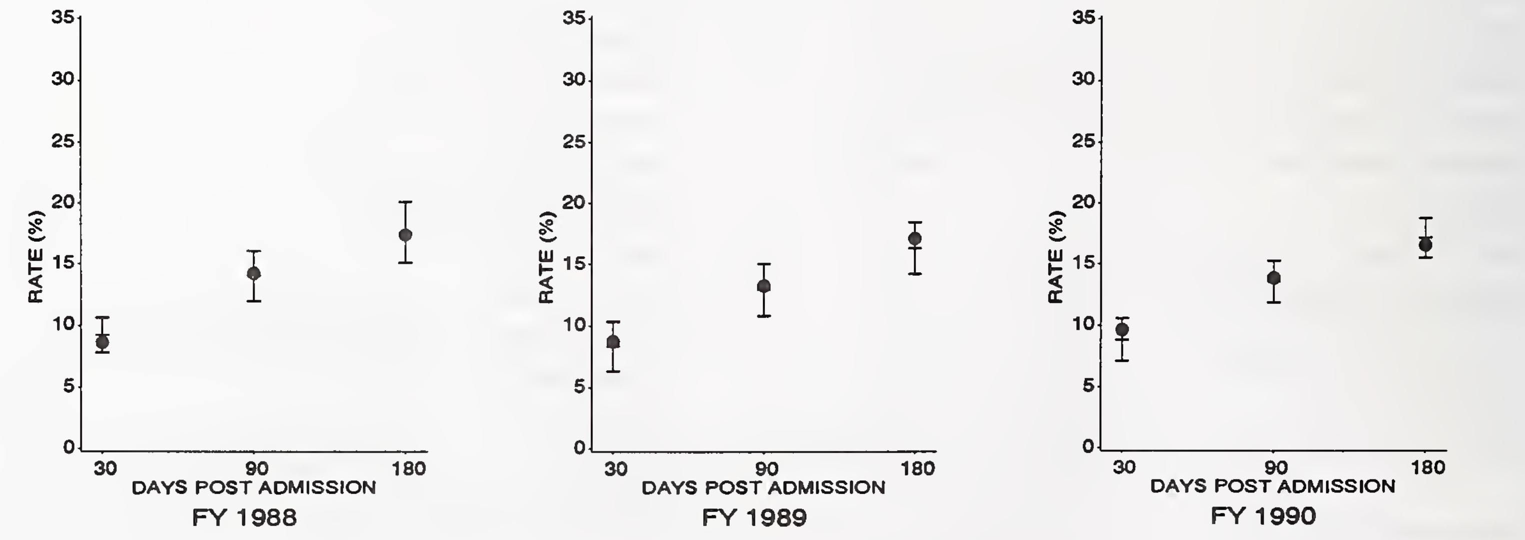
950 N 12TH ST
MILWAUKEE, WI 53201
Medicare Provider Number: 520064

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	2907	9.6	8.8	0.9	13.8	13.5	0.9	16.5	17.1	0.8
CONDITIONS:										
Acute Myocardial Infarction	68	26.5	23.8	5.4	30.9	26.3	6.3	33.8	28.8	6.3
Congestive Heart Failure	173	14.5	13.3	2.7	19.1	21.1	3.5	20.8	27.2	4.3
Pneumonia/Influenza	127	17.3	16.4	3.4	21.3	22.6	3.9	24.4	26.8	4.3
Chronic Obstructive Pulmonary Disease	44	4.5	9.0	-----	9.1	15.3	-----	18.2	20.0	-----
Transient Cerebral Ischemia	33	0.0	1.8	-----	0.0	4.2	-----	3.0	6.9	-----
Stroke	92	18.5	18.7	4.1	23.9	24.5	5.2	27.2	28.1	5.1
Hip Fracture	63	4.8	7.1	5.0	7.9	12.2	6.7	9.5	15.9	8.0
Sepsis	39	43.6	25.3	-----	51.3	34.4	-----	51.3	39.3	-----
PROCEDURES:										
Angioplasty	66	1.5	3.1	2.4	4.5	4.4	2.6	7.6	5.5	3.1
Coronary Artery Bypass Graft	67	11.9	6.9	5.0	14.9	9.8	5.4	16.4	10.9	6.0
Initial Pacemaker Insertion	28	7.1	2.0	-----	7.1	4.3	-----	7.1	6.6	-----
Carotid Endarterectomy	7	0.0	1.6	-----	0.0	2.9	-----	14.3	4.2	-----
Hip Replacement/Reconstruction	44	2.3	3.6	-----	2.3	6.3	-----	2.3	8.3	-----
Open Reduction of Hip Fracture	28	3.6	7.1	-----	7.1	12.6	-----	10.7	16.9	-----
Prostatectomy	86	1.2	1.1	1.1	2.3	2.6	1.8	2.3	4.5	3.1
Cholecystectomy	23	4.3	3.1	-----	4.3	5.5	-----	8.7	6.9	-----
Hysterectomy	17	0.0	0.5	-----	0.0	1.2	-----	0.0	2.0	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

SINAI SAMARITAN MEDICAL CENTER-MT SINAI

Medicare Provider Number: 520064

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	71.7 years
Proportion female	54.4 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	30.4 %
Transferred from skilled nursing facility	0.1 %
Admitted for elective procedure	21.7 %
Admitted for emergency	60.3 %

COMORBIDITIES:

Cancer	8.4 %
Chronic cardiovascular disease	38.7 %
Chronic liver disease	1.0 %
Chronic renal disease	4.1 %
Chronic pulmonary disease	14.9 %
Cerebrovascular degeneration	6.8 %
Diabetes mellitus	11.5 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	85.6%
State	11.7%
Outside State	2.7%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	7.7 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1989

PROFILE:

Total Beds	407
Occupancy Rate	92.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	28.2 %
Case Mix Index (CMI)	1.4509

STAFFING:

Total Number of Physicians	397
Percent of Physicians Board Certified Specialists	65.0 %
Medical Residents/Interns	94
Registered Nurses	606
Licensed Practical Nurses	10

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	Yes
Rehabilitation	Yes
Psychiatric	Yes
Medicare Swing Beds	No

*** Not used in calculating mortality rates**

SINAI SAMARITAN MEDICAL CENTER-SAMARITAN

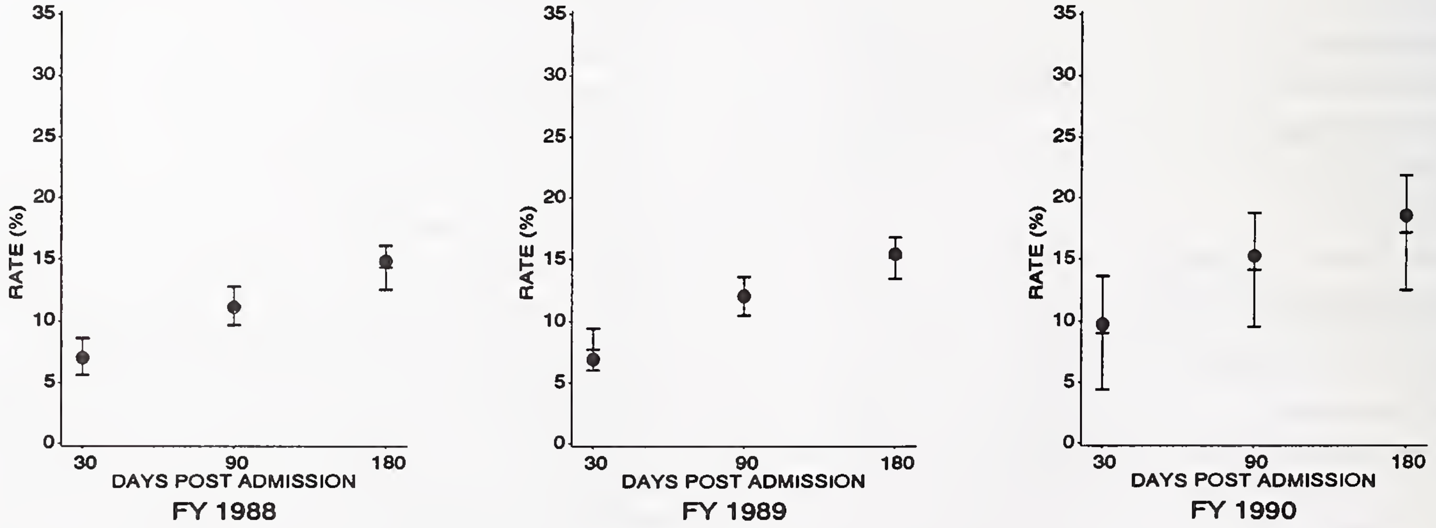
2000 WEST KILBOURN AVENUE
MILWAUKEE, WI 53233
Medicare Provider Number: 520020

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	486	9.7	9.0	2.3	15.2	14.1	2.3	18.5	17.1	2.3
CONDITIONS:										
Acute Myocardial Infarction	10	20.0	31.3	-----	20.0	35.1	-----	20.0	37.1	-----
Congestive Heart Failure	24	20.8	17.9	-----	33.3	30.4	-----	37.5	36.9	-----
Pneumonia/Influenza	8	0.0	18.0	-----	12.5	25.6	-----	37.5	29.0	-----
Chronic Obstructive Pulmonary Disease	3	0.0	7.6	-----	0.0	13.8	-----	0.0	17.5	-----
Transient Cerebral Ischemia	7	0.0	2.3	-----	0.0	5.2	-----	14.3	8.1	-----
Stroke	17	29.4	25.1	-----	41.2	33.1	-----	41.2	36.5	-----
Hip Fracture	17	0.0	9.0	-----	5.9	16.3	-----	11.8	20.3	-----
Sepsis	11	27.3	33.9	-----	54.5	44.5	-----	54.5	48.8	-----
PROCEDURES:										
Angioplasty	6	0.0	3.7	-----	0.0	4.5	-----	0.0	5.4	-----
Coronary Artery Bypass Graft	6	16.7	6.0	-----	16.7	8.3	-----	16.7	9.1	-----
Initial Pacemaker Insertion	3	0.0	2.4	-----	0.0	4.5	-----	0.0	5.9	-----
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	12	0.0	7.2	-----	8.3	13.1	-----	16.7	16.3	-----
Open Reduction of Hip Fracture	5	0.0	7.3	-----	0.0	14.3	-----	0.0	18.7	-----
Prostatectomy	11	9.1	0.3	-----	9.1	0.8	-----	9.1	1.3	-----
Cholecystectomy	12	0.0	2.5	-----	0.0	5.1	-----	0.0	7.0	-----
Hysterectomy	1	0.0	0.0	-----	0.0	0.1	-----	0.0	0.2	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



SINAI SAMARITAN MEDICAL CENTER-SAMARITAN

Medicare Provider Number: 520020

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	71.4 years
Proportion female	53.3 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	69.1 %
Transferred from skilled nursing facility	0.4 %
Admitted for elective procedure	21.8 %
Admitted for emergency	73.7 %

COMORBIDITIES:

Cancer	3.7 %
Chronic cardiovascular disease	36.2 %
Chronic liver disease	1.6 %
Chronic renal disease	3.9 %
Chronic pulmonary disease	9.3 %
Cerebrovascular degeneration	6.0 %
Diabetes mellitus	9.9 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	87.7%
State	9.0%
Outside State	3.3%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	9.0 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1989

PROFILE:

Total Beds	407
Occupancy Rate	92.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	28.2 %
Case Mix Index (CMI)	1.3666

STAFFING:

Total Number of Physicians	397
Percent of Physicians Board Certified Specialists	65.0 %
Medical Residents/Interns	94
Registered Nurses	606
Licensed Practical Nurses	10

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	Yes
Rehabilitation	Yes
Psychiatric	Yes
Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

SOUTHWEST HEALTH CENTER INC

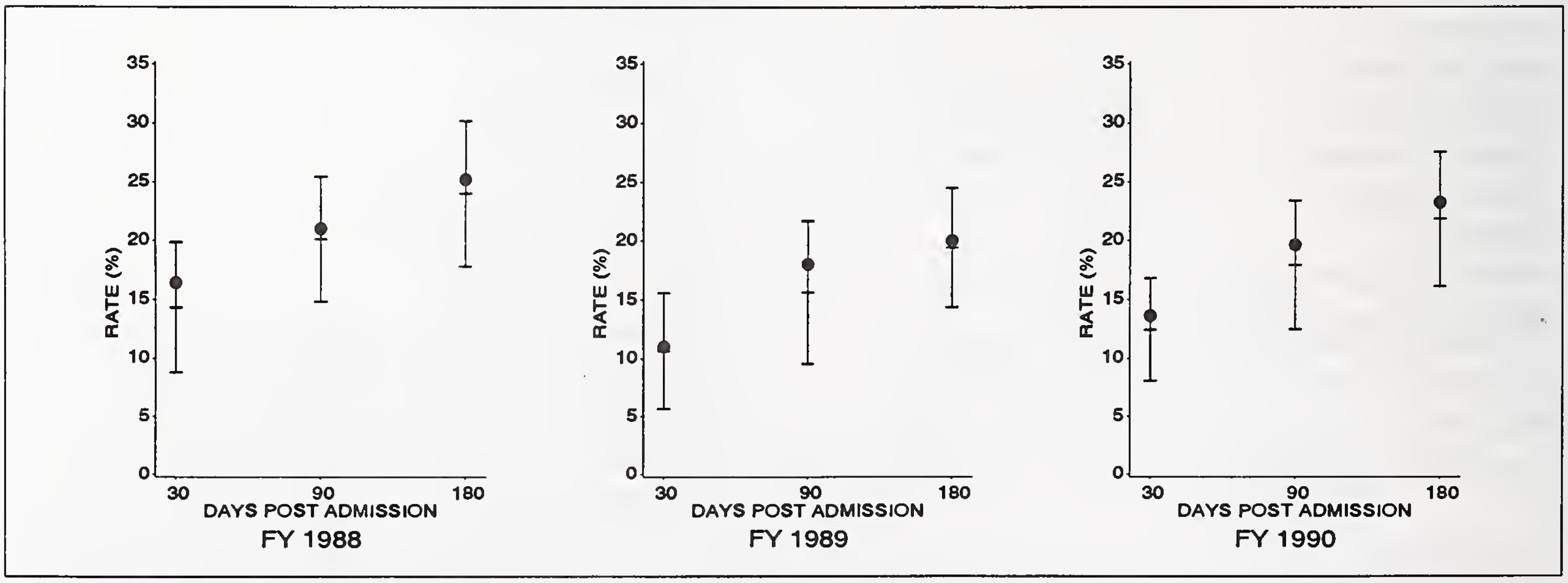
1100 5TH AVENUE
PLATTEVILLE, WI 53818
Medicare Provider Number: 520178

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	280	13.6	12.4	2.2	19.6	17.9	2.7	23.2	21.8	2.9
CONDITIONS:										
Acute Myocardial Infarction	18	22.2	30.0	-----	27.8	34.1	-----	27.8	37.5	-----
Congestive Heart Failure	21	19.0	12.5	-----	33.3	19.5	-----	42.9	25.4	-----
Pneumonia/Influenza	23	4.3	15.3	-----	17.4	21.8	-----	26.1	25.8	-----
Chronic Obstructive Pulmonary Disease	3	0.0	3.7	-----	0.0	7.0	-----	0.0	10.0	-----
Transient Cerebral Ischemia	7	0.0	1.6	-----	14.3	4.1	-----	14.3	7.3	-----
Stroke	15	26.7	19.8	-----	46.7	25.7	-----	53.3	29.5	-----
Hip Fracture	11	18.2	9.2	-----	18.2	16.3	-----	27.3	20.4	-----
Sepsis	5	20.0	26.0	-----	20.0	33.0	-----	20.0	38.1	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	7	14.3	7.8	-----	14.3	13.8	-----	28.6	17.7	-----
Open Reduction of Hip Fracture	3	0.0	8.5	-----	0.0	16.1	-----	0.0	20.9	-----
Prostatectomy	3	0.0	0.6	-----	0.0	1.4	-----	0.0	2.5	-----
Cholecystectomy	7	0.0	1.7	-----	0.0	3.5	-----	0.0	5.2	-----
Hysterectomy	3	0.0	0.6	-----	0.0	1.6	-----	0.0	3.1	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

SOUTHWEST HEALTH CENTER INC
Medicare Provider Number: 520178

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:		COMORBIDITIES:	
Average age at admission	77.9 years	Cancer	7.1 %
Proportion female	60.0 %	Chronic cardiovascular disease	37.1 %
ADMISSION SOURCES/TYPES:		Chronic liver disease	1.8 %
Referred by personal or HMO physician	45.4 %	Chronic renal disease	2.1 %
Transferred from skilled nursing facility	10.7 %	Chronic pulmonary disease	16.4 %
Admitted for elective procedure	12.1 %	Cerebrovascular degeneration	2.1 %
Admitted for emergency	15.0 %	Diabetes mellitus	6.4 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:		MEDICARE AVERAGE LENGTH OF STAY:	
County/City	79.1%	Hospital	4.6 Days
State	18.5%	State	7.4 Days
Outside State	2.4%	National	8.6 Days
Total	100.0%		

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:		SPECIALTY SERVICES:	
Total Beds	129	Burn Unit	No
Occupancy Rate	74.0 %	Cardiac Intensive Care	No
Ownership.Control	Private, Non-Profit	Comprehensive Geriatric	No
Medicare Discharges	40.9 %	Hospice Care	No
Case Mix Index (CMI)	1.1361	Medical/Surgical Intensive Care	No
STAFFING:		Organ/Tissue Transplant	No
Total Number of Physicians	8	Other Intensive Care	No
Percent of Physicians Board Certified Specialists	87.5 %	Trauma Center	No
		OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Medical Residents/Interns	0	Alcohol/Drug	No
Registered Nurses	19	Rehabilitation	No
Licensed Practical Nurses	3	Psychiatric	No
		Medicare Swing Beds	Yes

** Except for CMI

* Not used in calculating mortality rates

ST AGNES HOSPITAL

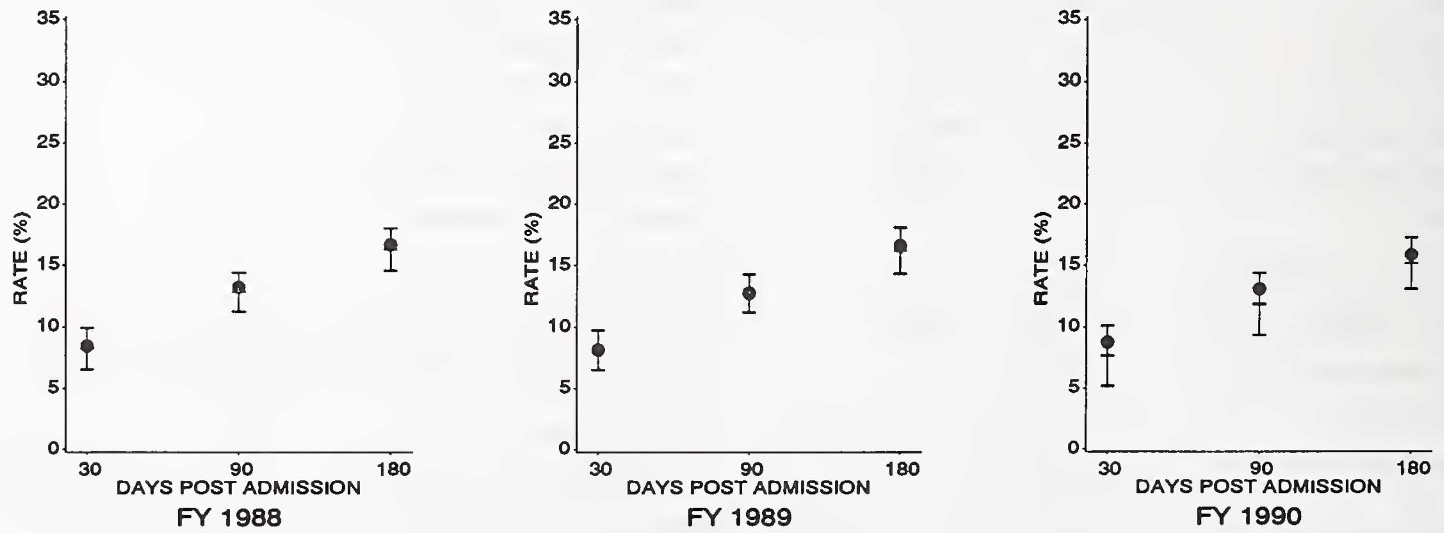
430 EAST DIVISON STREET
FOND DU LAC, WI 54935
Medicare Provider Number: 520088

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	1983	8.7	7.6	1.2	13.0	11.8	1.3	15.8	15.1	1.1
CONDITIONS:										
Acute Myocardial Infarction	69	33.3	24.4	9.8	37.7	27.3	10.2	40.6	30.0	10.5
Congestive Heart Failure	101	16.8	13.5	4.2	22.8	21.5	4.3	29.7	27.6	4.7
Pneumonia/Influenza	113	10.6	14.3	4.2	14.2	19.7	5.4	18.6	23.6	6.4
Chronic Obstructive Pulmonary Disease	19	0.0	6.5	-----	5.3	12.3	-----	5.3	17.3	-----
Transient Cerebral Ischemia	29	0.0	1.4	-----	0.0	3.1	-----	10.3	5.0	-----
Stroke	70	28.6	18.7	7.5	37.1	25.5	6.8	40.0	29.5	8.3
Hip Fracture	57	3.5	6.1	3.9	8.8	11.0	4.7	15.8	14.5	5.2
Sepsis	17	17.6	21.6	-----	29.4	29.6	-----	29.4	34.3	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	15	0.0	4.0	-----	6.7	7.4	-----	6.7	10.4	-----
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	41	0.0	2.4	-----	0.0	4.6	-----	2.4	6.4	-----
Open Reduction of Hip Fracture	34	2.9	5.4	-----	5.9	10.3	-----	14.7	13.8	-----
Prostatectomy	96	3.1	0.9	1.9	5.2	2.2	2.7	6.2	3.8	2.7
Cholecystectomy	68	0.0	1.9	2.5	2.9	3.7	2.5	2.9	5.1	3.4
Hysterectomy	40	2.5	0.2	-----	2.5	0.5	-----	2.5	0.8	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

ST AGNES HOSPITAL
Medicare Provider Number: 520088

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	74.8 years
Proportion female	54.5 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	52.1 %
Transferred from skilled nursing facility	0.4 %
Admitted for elective procedure	31.0 %
Admitted for emergency	2.6 %

COMORBIDITIES:

Cancer	8.7 %
Chronic cardiovascular disease	30.1 %
Chronic liver disease	0.8 %
Chronic renal disease	2.6 %
Chronic pulmonary disease	13.4 %
Cerebrovascular degeneration	4.9 %
Diabetes mellitus	6.4 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	78.6%
State	20.0%
Outside State	1.4%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	7.9 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	234
Occupancy Rate	59.0 %
Ownership/Control	Church
Medicare Discharges	37.0 %
Case Mix Index (CMI)	1.1779

STAFFING:

Total Number of Physicians	94
Percent of Physicians Board Certified Specialists	72.3 %
Medical Residents/Interns	0
Registered Nurses	222
Licensed Practical Nurses	99

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	Yes
Rehabilitation	Yes
Psychiatric	Yes
Medicare Swing Beds	No

** Except for CMI

* Not used in calculating mortality rates

ST CATHERINES HOSPITAL

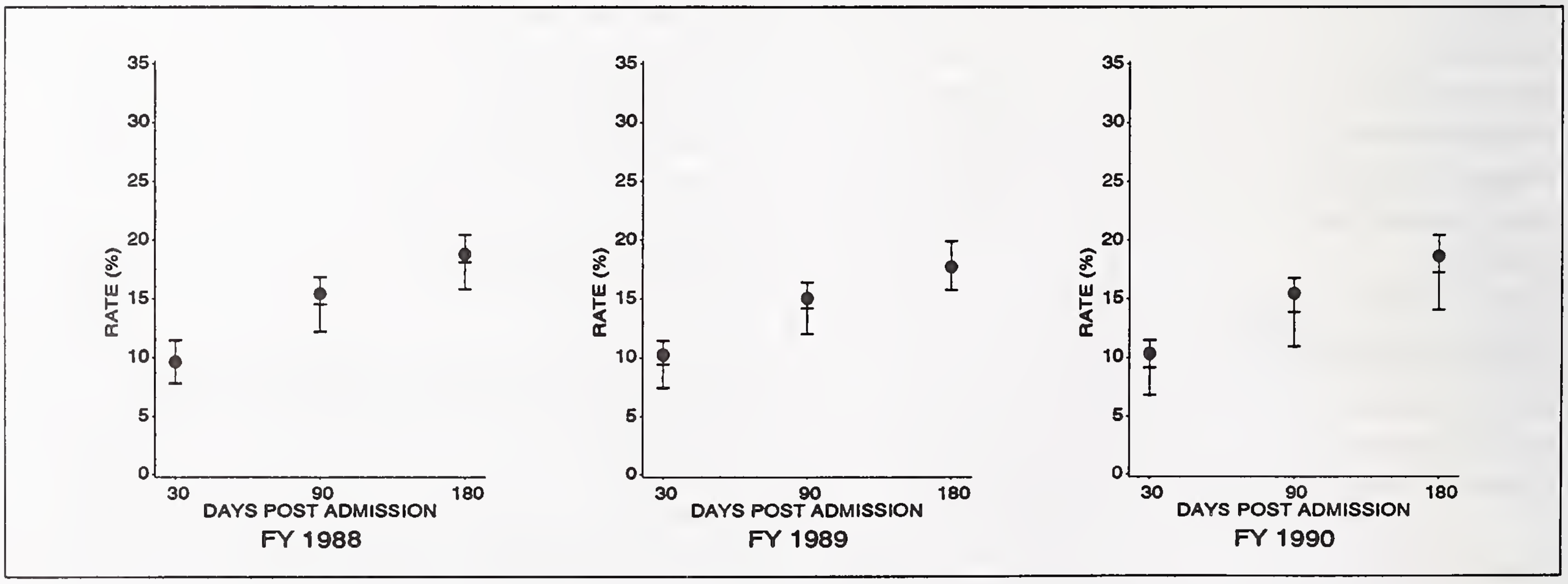
3556 7TH AVE
KENOSHA, WI 53140
Medicare Provider Number: 520069

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	1512	10.3	9.1	1.2	15.4	13.8	1.5	18.6	17.2	1.6
CONDITIONS:										
Acute Myocardial Infarction	31	32.3	24.0	-----	38.7	27.0	-----	45.2	30.0	-----
Congestive Heart Failure	103	18.4	14.2	4.5	28.2	22.6	6.2	35.0	28.9	7.6
Pneumonia/Influenza	83	18.1	15.7	4.6	25.3	21.2	6.8	27.7	25.0	6.3
Chronic Obstructive Pulmonary Disease	28	10.7	9.1	-----	17.9	15.3	-----	25.0	20.1	-----
Transient Cerebral Ischemia	32	0.0	1.5	-----	0.0	3.4	-----	0.0	5.6	-----
Stroke	48	20.8	20.7	-----	27.1	27.1	-----	27.1	30.9	-----
Hip Fracture	35	0.0	8.3	-----	5.7	14.4	-----	11.4	18.5	-----
Sepsis	40	25.0	23.6	-----	30.0	30.6	-----	42.5	35.0	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	14	0.0	3.8	-----	7.1	6.6	-----	7.1	8.9	-----
Carotid Endarterectomy	9	0.0	1.4	-----	0.0	2.5	-----	0.0	3.5	-----
Hip Replacement/Reconstruction	25	0.0	3.0	-----	4.0	5.6	-----	12.0	7.6	-----
Open Reduction of Hip Fracture	7	0.0	9.3	-----	0.0	17.6	-----	0.0	23.5	-----
Prostatectomy	35	2.9	0.7	-----	2.9	1.7	-----	2.9	2.9	-----
Cholecystectomy	28	3.6	3.2	-----	7.1	5.4	-----	7.1	6.9	-----
Hysterectomy	12	0.0	0.4	-----	0.0	0.8	-----	0.0	1.3	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



ST CATHERINES HOSPITAL

Medicare Provider Number: 520069

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	74.0 years
Proportion female	54.8 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	36.6 %
Transferred from skilled nursing facility	0.6 %
Admitted for elective procedure	14.3 %
Admitted for emergency	59.4 %

COMORBIDITIES:	
Cancer	5.1 %
Chronic cardiovascular disease	37.2 %
Chronic liver disease	1.7 %
Chronic renal disease	3.1 %
Chronic pulmonary disease	14.9 %
Cerebrovascular degeneration	3.6 %
Diabetes mellitus	8.5 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	91.4%
State	6.2%
Outside State	2.4%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	7.4 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1989

PROFILE:	
Total Beds	189
Occupancy Rate	59.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	36.2 %
Case Mix Index (CMI)	1.2687
STAFFING:	
Total Number of Physicians	148
Percent of Physicians Board Certified Specialists	62.8 %
Medical Residents/Interns	0
Registered Nurses	134
Licensed Practical Nurses	38

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	Yes
Rehabilitation	Yes
Psychiatric	Yes
Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

ST CLARE HOSPITAL

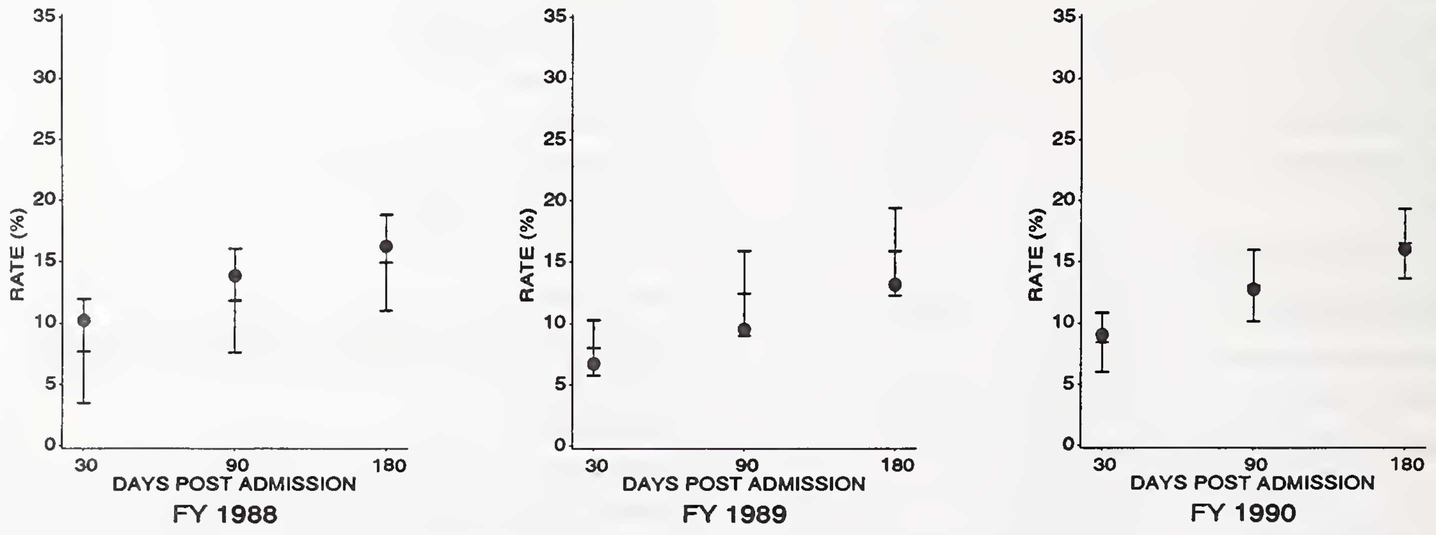
707 14TH STREET
BARABOO, WI 53913
Medicare Provider Number: 520057

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	724	9.0	8.4	1.2	12.7	13.0	1.4	15.9	16.4	1.4
CONDITIONS:										
Acute Myocardial Infarction	25	44.0	27.6	-----	48.0	30.9	-----	52.0	33.8	-----
Congestive Heart Failure	44	11.4	12.6	-----	13.6	20.2	-----	22.7	26.4	-----
Pneumonia/Influenza	48	25.0	15.1	-----	27.1	20.7	-----	29.2	24.9	-----
Chronic Obstructive Pulmonary Disease	17	0.0	4.1	-----	0.0	7.7	-----	0.0	10.8	-----
Transient Cerebral Ischemia	10	0.0	1.5	-----	0.0	3.7	-----	0.0	6.5	-----
Stroke	33	15.2	15.4	-----	21.2	22.0	-----	27.3	26.4	-----
Hip Fracture	21	0.0	5.5	-----	4.8	10.2	-----	4.8	13.6	-----
Sepsis	10	20.0	22.4	-----	30.0	32.3	-----	40.0	38.1	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	20	0.0	2.0	-----	5.0	4.0	-----	5.0	5.4	-----
Open Reduction of Hip Fracture	9	0.0	5.8	-----	0.0	10.5	-----	0.0	13.9	-----
Prostatectomy	22	0.0	0.7	-----	0.0	1.8	-----	4.5	3.2	-----
Cholecystectomy	7	0.0	1.0	-----	14.3	1.9	-----	14.3	2.8	-----
Hysterectomy	9	0.0	0.4	-----	0.0	0.8	-----	0.0	1.4	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



ST CLARE HOSPITAL
Medicare Provider Number: 520057

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	76.5 years
Proportion female	57.3 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	52.1 %
Transferred from skilled nursing facility	0.6 %
Admitted for elective procedure	13.4 %
Admitted for emergency	5.9 %

COMORBIDITIES:	
Cancer	7.9 %
Chronic cardiovascular disease	26.4 %
Chronic liver disease	1.0 %
Chronic renal disease	1.8 %
Chronic pulmonary disease	11.0 %
Cerebrovascular degeneration	5.2 %
Diabetes mellitus	3.6 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	64.8%
State	32.4%
Outside State	2.8%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	5.8 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1989

PROFILE:	
Total Beds	90
Occupancy Rate	40.0 %
Ownership/Control	Church
Medicare Discharges	38.7 %
Case Mix Index (CMI)	1.1355
STAFFING:	
Total Number of Physicians	21
Percent of Physicians Board Certified Specialists	95.2 %
Medical Residents/Interns	0
Registered Nurses	54
Licensed Practical Nurses	11

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	Yes
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

** Except for CMI

* Not used in calculating mortality rates

ST CLARE HOSPITAL OF MONROE

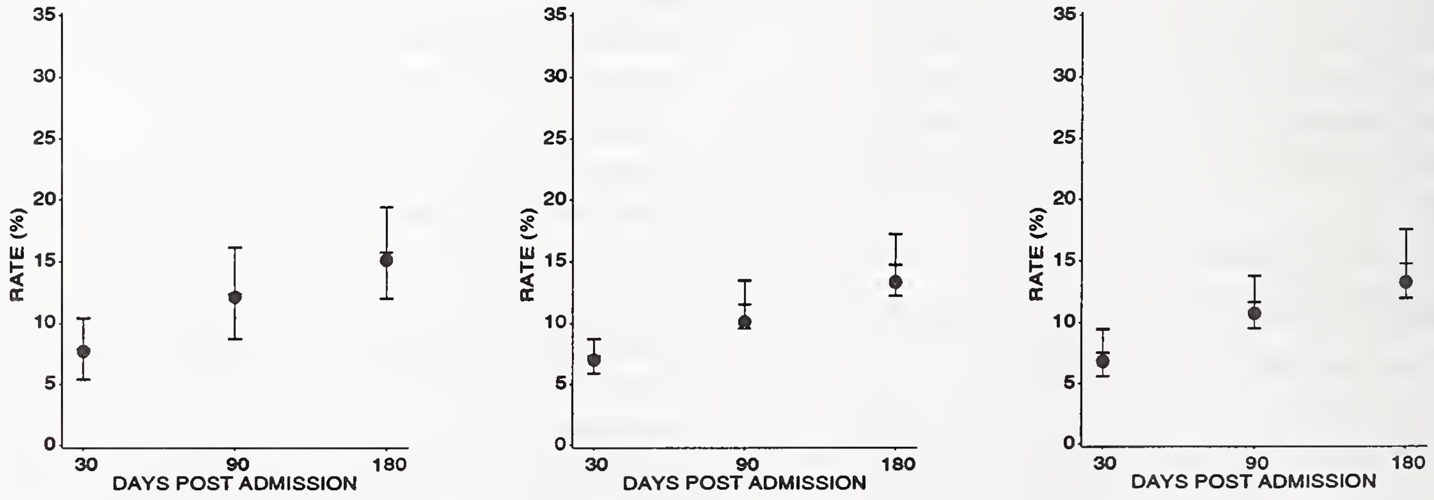
515 22ND AVENUE
MONROE, WI 53566
Medicare Provider Number: 520028

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	1448	6.8	7.5	1.0	10.7	11.6	1.1	13.2	14.7	1.4
CONDITIONS:										
Acute Myocardial Infarction	36	33.3	23.5	-----	41.7	26.2	-----	41.7	28.7	-----
Congestive Heart Failure	69	11.6	13.0	8.5	20.3	20.6	6.4	24.6	26.8	5.8
Pneumonia/Influenza	67	11.9	16.6	5.9	17.9	23.2	6.6	26.9	27.6	5.7
Chronic Obstructive Pulmonary Disease	17	5.9	6.0	-----	5.9	11.4	-----	5.9	16.1	-----
Transient Cerebral Ischemia	19	0.0	1.6	-----	5.3	3.6	-----	5.3	5.8	-----
Stroke	64	10.9	18.8	8.7	18.8	26.0	9.4	20.3	30.3	9.2
Hip Fracture	31	9.7	6.0	-----	12.9	10.6	-----	16.1	13.8	-----
Sepsis	18	33.3	27.8	-----	33.3	36.3	-----	38.9	41.3	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	11	9.1	2.2	-----	9.1	4.3	-----	9.1	6.5	-----
Carotid Endarterectomy	4	0.0	0.7	-----	0.0	1.5	-----	0.0	2.2	-----
Hip Replacement/Reconstruction	34	5.9	2.5	-----	8.8	4.6	-----	8.8	6.2	-----
Open Reduction of Hip Fracture	18	11.1	5.2	-----	11.1	9.2	-----	16.7	12.0	-----
Prostatectomy	67	1.5	1.3	1.5	4.5	3.0	2.7	9.0	4.9	4.3
Cholecystectomy	30	3.3	4.1	-----	6.7	8.1	-----	13.3	11.6	-----
Hysterectomy	10	0.0	0.9	-----	0.0	2.0	-----	0.0	3.1	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988 FY 1989 FY 1990

ST CLARE HOSPITAL OF MONROE

Medicare Provider Number: 520028

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:		COMORBIDITIES:	
Average age at admission	74.6 years	Cancer	8.4 %
Proportion female	50.6 %	Chronic cardiovascular disease	22.7 %
ADMISSION SOURCES/TYPES:		Chronic liver disease	0.8 %
Referred by personal or HMO physician	55.3 %	Chronic renal disease	1.2 %
Transferred from skilled nursing facility	1.2 %	Chronic pulmonary disease	11.9 %
Admitted for elective procedure	28.2 %	Cerebrovascular degeneration	2.9 %
Admitted for emergency	12.6 %	Diabetes mellitus	7.7 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:		MEDICARE AVERAGE LENGTH OF STAY:	
County/City	50.3%	Hospital	6.8 Days
State	21.9%	State	7.4 Days
Outside State	27.8%	National	8.6 Days
Total	100.0%		

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:		SPECIALTY SERVICES:	
Total Beds	173	Burn Unit	No
Occupancy Rate	46.0 %	Cardiac Intensive Care	No
Ownership/Control	Church	Comprehensive Geriatric	No
Medicare Discharges	38.5 %	Hospice Care	Yes
Case Mix Index (CMI)	1.2752	Medical/Surgical Intensive Care	Yes
STAFFING:		Organ/Tissue Transplant	Yes
Total Number of Physicians	64	Other Intensive Care	No
Percent of Physicians Board Certified Specialists	68.8 %	Trauma Center	No
		OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Medical Residents/Interns	0	Alcohol/Drug	No
Registered Nurses	115	Rehabilitation	No
Licensed Practical Nurses	14	Psychiatric	Yes
		Medicare Swing Beds	No

** Except for CMI

* Not used in calculating mortality rates

ST CROIX VALLEY MEMORIAL HOSPITAL

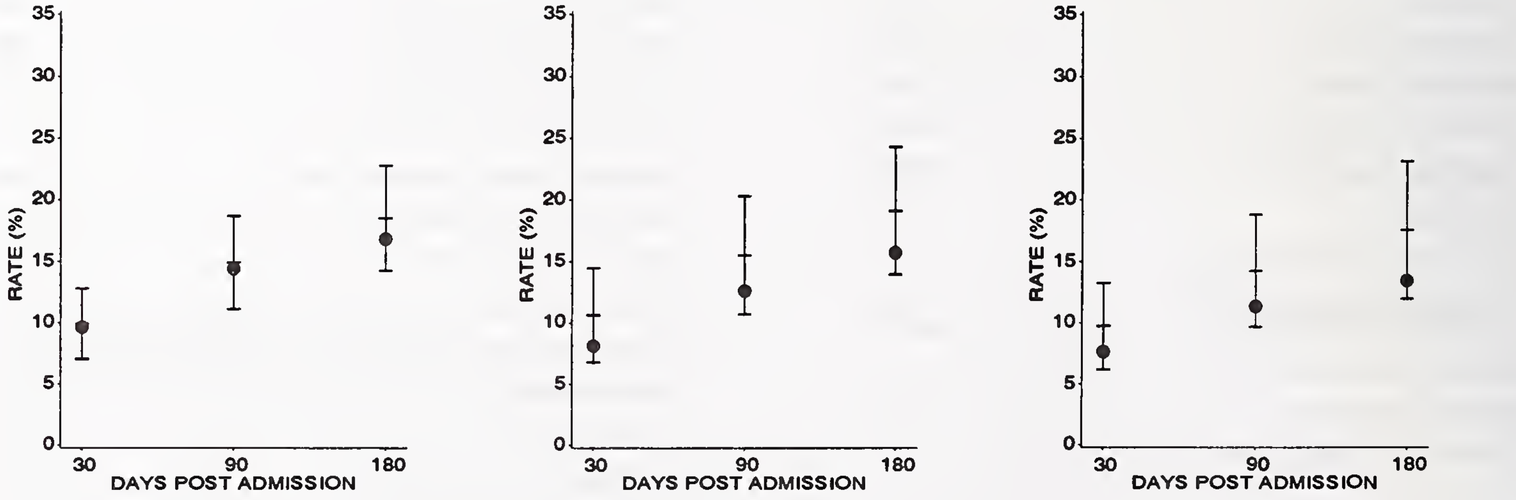
204 S ADAMS
SAINT CROIX FALLS, WI 54024
Medicare Provider Number: 520112

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	476	7.6	9.7	1.8	11.3	14.2	2.3	13.4	17.5	2.8
CONDITIONS:										
Acute Myocardial Infarction	16	12.5	25.4	-----	12.5	27.8	-----	12.5	30.3	-----
Congestive Heart Failure	23	4.3	14.6	-----	8.7	22.7	-----	8.7	28.9	-----
Pneumonia/Influenza	32	9.4	17.0	-----	9.4	23.2	-----	12.5	27.2	-----
Chronic Obstructive Pulmonary Disease	3	0.0	11.7	-----	33.3	19.3	-----	33.3	23.8	-----
Transient Cerebral Ischemia	11	0.0	2.0	-----	0.0	4.6	-----	0.0	7.6	-----
Stroke	16	12.5	25.4	-----	25.0	33.1	-----	25.0	37.3	-----
Hip Fracture	14	7.1	6.4	-----	21.4	11.6	-----	28.6	15.1	-----
Sepsis	7	14.3	30.7	-----	28.6	39.2	-----	28.6	43.7	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	0.9	-----	0.0	1.9	-----	0.0	3.2	-----
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	0.0	3.7	-----	50.0	6.9	-----	50.0	9.5	-----
Open Reduction of Hip Fracture	3	0.0	6.8	-----	0.0	11.5	-----	0.0	15.0	-----
Prostatectomy	22	0.0	1.0	-----	0.0	2.1	-----	0.0	3.5	-----
Cholecystectomy	6	0.0	0.9	-----	0.0	1.6	-----	0.0	2.2	-----
Hysterectomy	3	0.0	0.1	-----	0.0	0.4	-----	0.0	0.7	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988 FY 1989 FY 1990

ST CROIX VALLEY MEMORIAL HOSPITAL

Medicare Provider Number: 520112

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	76.7 years
Proportion female	55.9 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	44.7 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	16.6 %
Admitted for emergency	47.9 %

COMORBIDITIES:	
Cancer	6.1 %
Chronic cardiovascular disease	39.3 %
Chronic liver disease	1.3 %
Chronic renal disease	1.3 %
Chronic pulmonary disease	10.3 %
Cerebrovascular degeneration	4.8 %
Diabetes mellitus	7.1 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	71.6%
State	13.6%
Outside State	14.8%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	4.8 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	72
Occupancy Rate	37.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	36.8 %
Case Mix Index (CMI)	1.0813
STAFFING:	
Total Number of Physicians	16
Percent of Physicians Board Certified Specialists	100.0 %
Medical Residents/Interns	0
Registered Nurses	34
Licensed Practical Nurses	6

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	Yes
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

ST ELIZABETH HOSPITAL

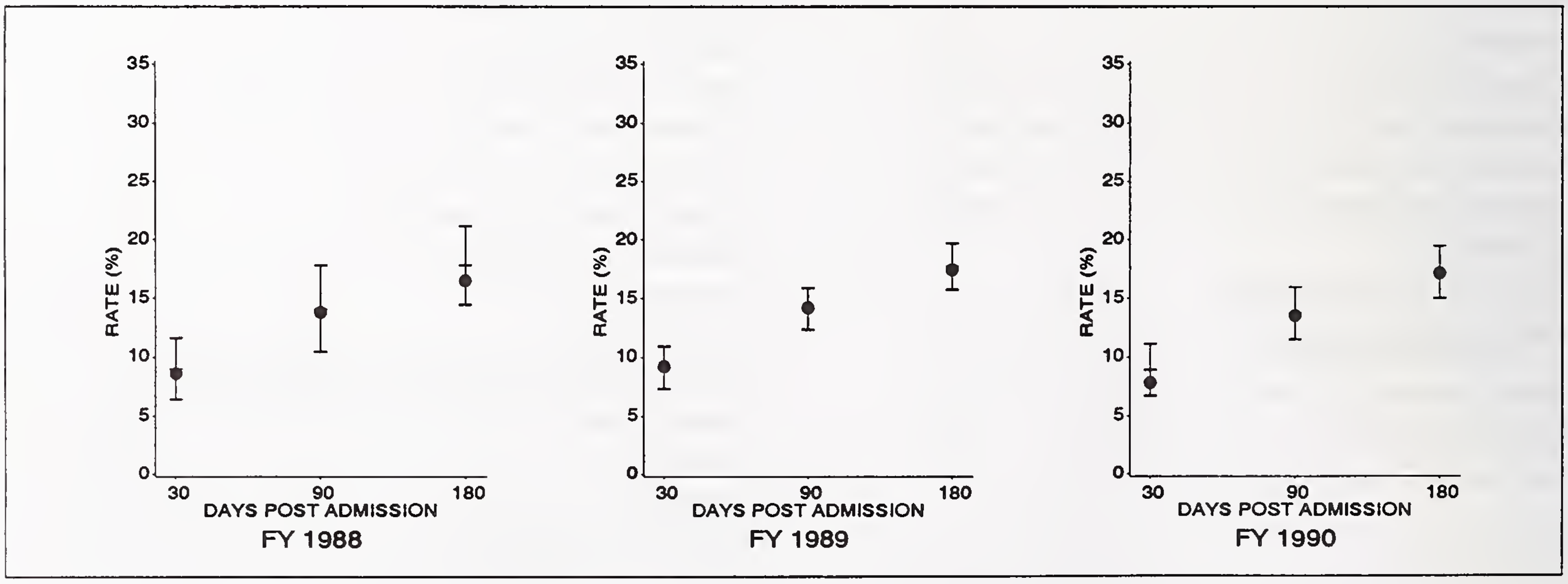
1506 S ONEIDA ST
APPLETON, WI 54911
Medicare Provider Number: 520009

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	1621	7.8	8.9	1.1	13.5	13.7	1.1	17.1	17.2	1.1
CONDITIONS:										
Acute Myocardial Infarction	29	41.4	29.1	-----	48.3	32.7	-----	48.3	35.7	-----
Congestive Heart Failure	77	5.2	14.2	5.8	20.8	22.5	6.9	23.4	28.6	5.8
Pneumonia/Influenza	66	21.2	15.9	7.2	27.3	22.0	9.5	30.3	25.7	8.6
Chronic Obstructive Pulmonary Disease	19	5.3	8.9	-----	15.8	15.0	-----	21.1	19.3	-----
Transient Cerebral Ischemia	12	0.0	1.8	-----	0.0	4.1	-----	8.3	6.6	-----
Stroke	81	13.6	20.1	8.1	21.0	27.4	8.6	27.2	31.5	9.2
Hip Fracture	47	8.5	7.5	-----	12.8	13.2	-----	12.8	17.0	-----
Sepsis	24	12.5	19.9	-----	20.8	26.4	-----	29.2	30.9	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	10	0.0	4.9	-----	0.0	9.0	-----	0.0	12.3	-----
Carotid Endarterectomy	6	0.0	1.4	-----	0.0	2.7	-----	0.0	3.9	-----
Hip Replacement/Reconstruction	40	0.0	2.2	-----	0.0	4.3	-----	0.0	5.9	-----
Open Reduction of Hip Fracture	25	12.0	7.0	-----	20.0	12.9	-----	20.0	16.8	-----
Prostatectomy	46	0.0	1.1	-----	2.2	2.5	-----	4.3	4.3	-----
Cholecystectomy	35	2.9	3.2	-----	5.7	5.3	-----	5.7	6.8	-----
Hysterectomy	17	0.0	0.6	-----	0.0	1.3	-----	0.0	2.1	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

ST ELIZABETH HOSPITAL

Medicare Provider Number: 520009

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	74.0 years
Proportion female	57.0 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	53.9 %
Transferred from skilled nursing facility	2.3 %
Admitted for elective procedure	26.7 %
Admitted for emergency	40.7 %

COMORBIDITIES:

Cancer	11.0 %
Chronic cardiovascular disease	32.4 %
Chronic liver disease	1.2 %
Chronic renal disease	1.5 %
Chronic pulmonary disease	12.2 %
Cerebrovascular degeneration	6.1 %
Diabetes mellitus	5.5 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	69.5%
State	29.0%
Outside State	1.5%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	8.3 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	272
Occupancy Rate	59.0 %
Ownership/Control	Church
Medicare Discharges	31.1 %
Case Mix Index (CMI)	1.3479

STAFFING:

Total Number of Physicians	203
Percent of Physicians Board Certified Specialists	85.2 %
Medical Residents/Interns	0
Registered Nurses	233
Licensed Practical Nurses	21

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	Yes
Rehabilitation	Yes
Psychiatric	Yes
Medicare Swing Beds	No

** Except for CMI

* Not used in calculating mortality rates

ST FRANCIS HOSPITAL INC

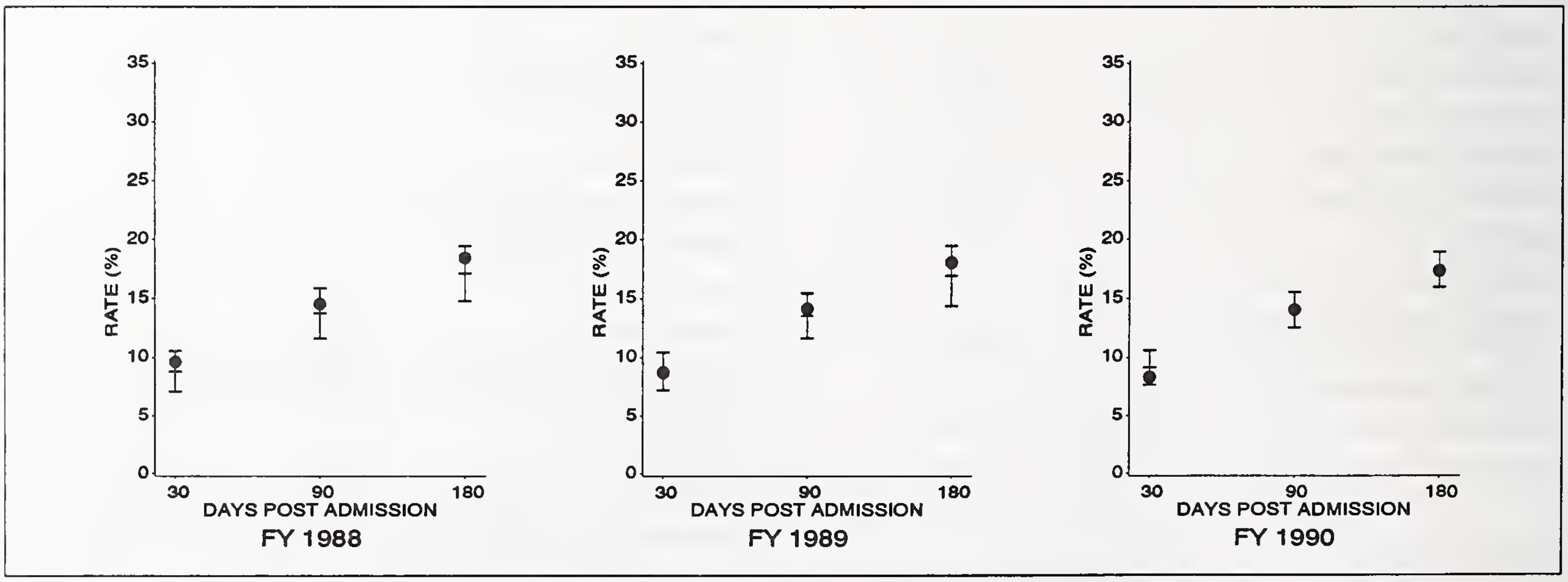
3237 SOUTH 16TH STREET
MILWAUKEE, WI 53215
Medicare Provider Number: 520078

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	2520	8.3	9.1	0.7	14.0	14.0	0.8	17.3	17.4	0.8
CONDITIONS:										
Acute Myocardial Infarction	35	22.9	27.4	-----	25.7	30.5	-----	28.6	33.4	-----
Congestive Heart Failure	190	18.4	14.5	4.8	26.8	23.0	5.3	33.2	29.2	5.9
Pneumonia/Influenza	97	15.5	16.3	4.2	21.6	21.9	5.6	24.7	25.4	6.0
Chronic Obstructive Pulmonary Disease	27	7.4	11.9	-----	18.5	19.1	-----	22.2	23.5	-----
Transient Cerebral Ischemia	46	2.2	1.9	-----	6.5	4.1	-----	6.5	6.6	-----
Stroke	79	17.7	20.4	5.1	27.8	27.0	5.1	30.4	30.6	6.0
Hip Fracture	52	1.9	5.9	4.3	1.9	10.1	6.3	3.8	13.1	7.2
Sepsis	50	24.0	21.2	-----	30.0	29.5	-----	34.0	34.2	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	11	9.1	4.2	-----	27.3	7.7	-----	36.4	11.0	-----
Carotid Endarterectomy	9	0.0	1.6	-----	0.0	2.8	-----	11.1	4.0	-----
Hip Replacement/Reconstruction	77	1.3	1.9	1.7	5.2	3.2	2.6	5.2	4.4	3.1
Open Reduction of Hip Fracture	30	0.0	5.7	-----	0.0	10.5	-----	3.3	13.8	-----
Prostatectomy	95	1.1	1.2	2.8	5.3	2.9	2.8	7.4	4.9	3.5
Cholecystectomy	68	2.9	2.9	2.0	5.9	5.4	2.9	8.8	7.2	3.6
Hysterectomy	27	0.0	0.3	-----	0.0	0.7	-----	0.0	1.3	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

ST FRANCIS HOSPITAL INC
Medicare Provider Number: 520078

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	74.6 years
Proportion female	59.8 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	46.0 %
Transferred from skilled nursing facility	0.6 %
Admitted for elective procedure	25.3 %
Admitted for emergency	47.4 %

COMORBIDITIES:

Cancer	6.2 %
Chronic cardiovascular disease	35.8 %
Chronic liver disease	1.0 %
Chronic renal disease	2.8 %
Chronic pulmonary disease	11.7 %
Cerebrovascular degeneration	3.7 %
Diabetes mellitus	9.7 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	93.6%
State	5.0%
Outside State	1.4%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	9.2 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1989

PROFILE:

Total Beds	279
Occupancy Rate	66.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	34.9 %
Case Mix Index (CMI)	1.3261

STAFFING:

Total Number of Physicians	330
Percent of Physicians Board Certified Specialists	80.3 %
Medical Residents/Interns	0
Registered Nurses	299
Licensed Practical Nurses	27

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	Yes
Medicare Swing Beds	No

** Except for CMI

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* Not used in calculating mortality rates

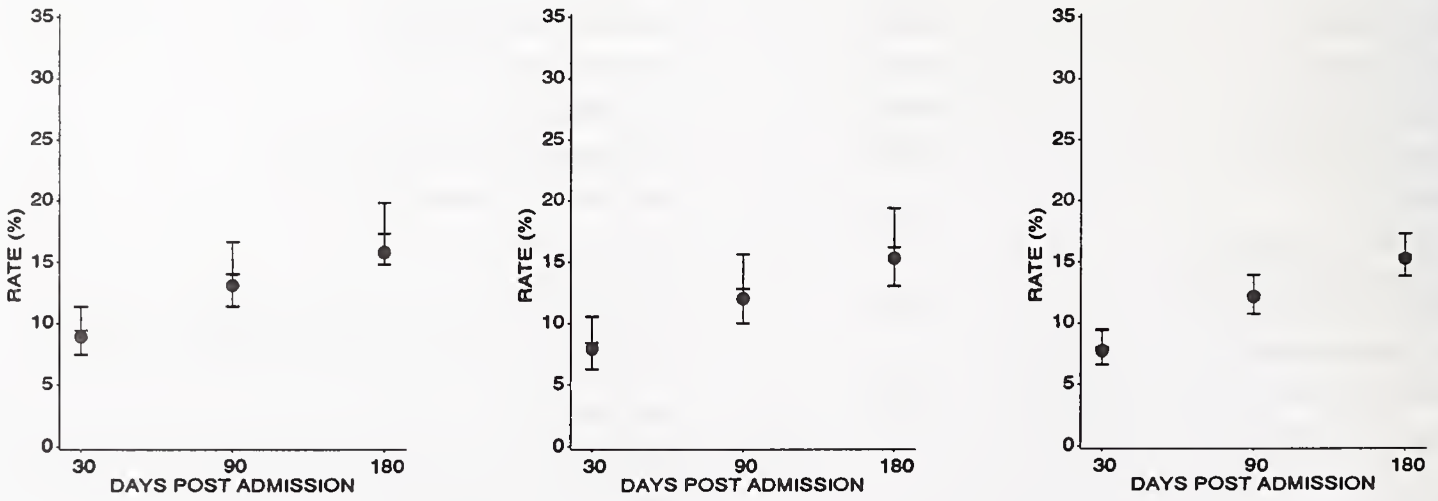
ST FRANCIS MEDICAL CENTER INC
700 WEST AVE S
LA CROSSE, WI 54601
Medicare Provider Number: 520004

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	2092	7.7	8.0	0.7	12.1	12.3	0.8	15.2	15.5	0.9
CONDITIONS:										
Acute Myocardial Infarction	51	37.3	29.3	8.5	39.2	32.4	8.0	41.2	35.2	7.8
Congestive Heart Failure	92	10.9	15.0	5.1	19.6	23.3	5.4	23.9	29.5	7.3
Pneumonia/Influenza	81	13.6	14.1	3.9	17.3	19.5	4.8	22.2	23.4	5.5
Chronic Obstructive Pulmonary Disease	23	8.7	11.4	-----	21.7	20.1	-----	34.8	25.9	-----
Transient Cerebral Ischemia	23	8.7	1.8	-----	13.0	4.0	-----	17.4	6.5	-----
Stroke	100	11.0	17.7	5.7	21.0	24.4	4.9	27.0	28.4	4.7
Hip Fracture	88	13.6	7.1	5.2	18.2	12.4	6.2	22.7	16.2	7.2
Sepsis	35	22.9	21.8	-----	31.4	27.8	-----	34.3	32.0	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	11	0.0	2.5	-----	0.0	5.2	-----	0.0	7.8	-----
Carotid Endarterectomy	5	0.0	1.0	-----	0.0	2.0	-----	0.0	3.2	-----
Hip Replacement/Reconstruction	64	6.3	3.6	3.7	10.9	6.8	5.1	12.5	9.1	4.6
Open Reduction of Hip Fracture	20	15.0	8.9	-----	20.0	15.4	-----	25.0	19.9	-----
Prostatectomy	94	0.0	1.3	1.8	1.1	3.0	2.8	3.2	4.9	3.1
Cholecystectomy	36	0.0	3.7	-----	8.3	6.9	-----	8.3	9.2	-----
Hysterectomy	14	0.0	0.4	-----	0.0	0.8	-----	0.0	1.3	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

ST FRANCIS MEDICAL CENTER INC

Medicare Provider Number: 520004

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:		COMORBIDITIES:	
Average age at admission	73.7 years	Cancer	7.3 %
Proportion female	55.6 %	Chronic cardiovascular disease	33.6 %
ADMISSION SOURCES/TYPES:		Chronic liver disease	1.3 %
Referred by personal or HMO physician	42.4 %	Chronic renal disease	1.6 %
Transferred from skilled nursing facility	0.0 %	Chronic pulmonary disease	12.9 %
Admitted for elective procedure	18.5 %	Cerebrovascular degeneration	8.2 %
Admitted for emergency	31.4 %	Diabetes mellitus	4.1 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:		MEDICARE AVERAGE LENGTH OF STAY:	
County/City	59.1%	Hospital	7.4 Days
State	26.1%	State	7.4 Days
Outside State	14.8%	National	8.6 Days
Total	100.0%		

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:		SPECIALTY SERVICES:	
Total Beds	239	Burn Unit	No
Occupancy Rate	60.0 %	Cardiac Intensive Care	No
Ownership/Control	Church	Comprehensive Geriatric	Yes
Medicare Discharges	37.4 %	Hospice Care	No
Case Mix Index (CMI)	1.2205	Medical/Surgical Intensive Care	Yes
STAFFING:		Organ/Tissue Transplant	No
Total Number of Physicians	106	Other Intensive Care	No
Percent of Physicians Board Certified Specialists	65.1 %	Trauma Center	No
		OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Medical Residents/Interns	8	Alcohol/Drug	Yes
Registered Nurses	203	Rehabilitation	Yes
Licensed Practical Nurses	21	Psychiatric	Yes
		Medicare Swing Beds	No

** Except for CMI

* Not used in calculating mortality rates

ST JOSEPH HOSPITAL

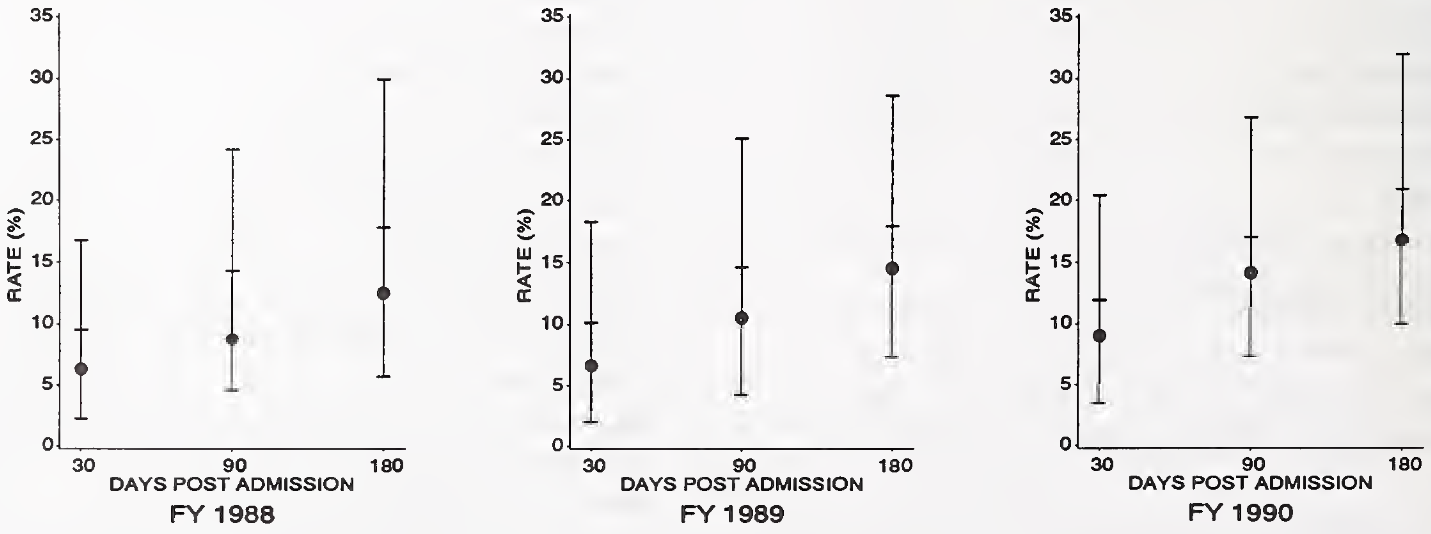
464 SOUTH ST JOSEPH AVENUE
ARCADIA, WI 54612
Medicare Provider Number: 520142

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	78	9.0	11.9	4.3	14.1	17.0	4.9	16.7	20.9	5.5
CONDITIONS:										
Acute Myocardial Infarction	6	16.7	16.6	-----	33.3	21.7	-----	33.3	25.7	-----
Congestive Heart Failure	5	0.0	16.8	-----	0.0	25.2	-----	0.0	31.4	-----
Pneumonia/Influenza	2	0.0	13.2	-----	0.0	17.2	-----	0.0	20.9	-----
Chronic Obstructive Pulmonary Disease	3	0.0	4.8	-----	0.0	9.2	-----	0.0	12.5	-----
Transient Cerebral Ischemia	0									
Stroke	3	33.3	21.9	-----	33.3	27.6	-----	33.3	31.8	-----
Hip Fracture	0									
Sepsis	2	0.0	34.1	-----	0.0	44.5	-----	0.0	52.0	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	2	0.0	1.3	-----	0.0	2.8	-----	0.0	4.1	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



ST JOSEPH HOSPITAL

Medicare Provider Number: 520142

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	78.4 years
Proportion female	38.5 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	33.3 %
Transferred from skilled nursing facility	2.6 %
Admitted for elective procedure	5.1 %
Admitted for emergency	2.6 %

COMORBIDITIES:

Cancer	7.7 %
Chronic cardiovascular disease	38.5 %
Chronic liver disease	0.0 %
Chronic renal disease	6.4 %
Chronic pulmonary disease	15.4 %
Cerebrovascular degeneration	0.0 %
Diabetes mellitus	5.1 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	91.2%
State	8.8%
Outside State	0.0%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	3.3 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	101
Occupancy Rate	74.0 %
Ownership/Control	Church
Medicare Discharges	(Not Available)
Case Mix Index (CMI)	0.9348

STAFFING:

Total Number of Physicians	3
Percent of Physicians Board Certified Specialists	66.7 %
Medical Residents/Interns	0
Registered Nurses	11
Licensed Practical Nurses	3

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

*** Not used in calculating mortality rates**

ST JOSEPHS COMMUNITY HOSPITAL

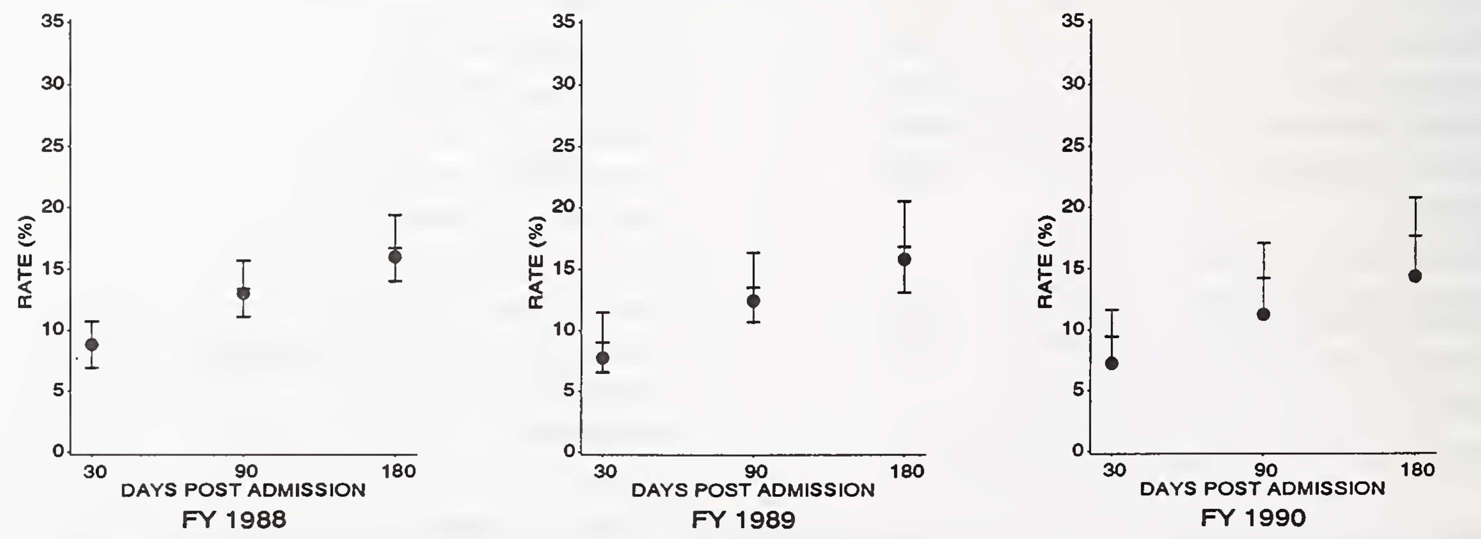
551 SILVERBROOK DRIVE
WEST BEND, WI 53095
Medicare Provider Number: 520063

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	1057	7.2	9.4	1.1	11.2	14.2	1.4	14.3	17.6	1.6
CONDITIONS:										
Acute Myocardial Infarction	26	19.2	25.3	-----	26.9	28.6	-----	30.8	31.6	-----
Congestive Heart Failure	75	13.3	14.7	5.1	24.0	22.9	5.5	29.3	29.1	5.5
Pneumonia/Influenza	41	22.0	15.3	-----	22.0	20.7	-----	26.8	24.7	-----
Chronic Obstructive Pulmonary Disease	16	0.0	8.0	-----	0.0	14.7	-----	0.0	19.5	-----
Transient Cerebral Ischemia	10	0.0	1.4	-----	0.0	3.5	-----	0.0	5.9	-----
Stroke	52	13.5	17.8	8.1	15.4	24.3	11.0	19.2	28.1	12.6
Hip Fracture	33	6.1	7.1	-----	6.1	12.2	-----	9.1	15.5	-----
Sepsis	26	19.2	23.2	-----	23.1	28.8	-----	26.9	33.3	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	1.5	-----	0.0	3.3	-----	0.0	5.1	-----
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	26	3.8	2.5	-----	3.8	4.7	-----	7.7	6.2	-----
Open Reduction of Hip Fracture	15	6.7	7.3	-----	6.7	12.7	-----	6.7	16.3	-----
Prostatectomy	56	0.0	1.4	2.0	0.0	3.4	3.9	3.6	5.7	3.6
Cholecystectomy	21	0.0	2.6	-----	4.8	5.5	-----	4.8	7.9	-----
Hysterectomy	8	0.0	0.2	-----	0.0	0.6	-----	0.0	1.0	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



ST JOSEPHS COMMUNITY HOSPITAL

Medicare Provider Number: 520063

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	75.2 years
Proportion female	54.4 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	49.0 %
Transferred from skilled nursing facility	2.4 %
Admitted for elective procedure	16.4 %
Admitted for emergency	0.9 %

COMORBIDITIES:

Cancer	8.1 %
Chronic cardiovascular disease	44.0 %
Chronic liver disease	1.3 %
Chronic renal disease	2.4 %
Chronic pulmonary disease	15.0 %
Cerebrovascular degeneration	3.3 %
Diabetes mellitus	7.6 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	85.0%
State	13.2%
Outside State	1.8%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	7.3 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	122
Occupancy Rate	50.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	36.2 %
Case Mix Index (CMI)	1.1944

STAFFING:

Total Number of Physicians	64
Percent of Physicians Board Certified Specialists	78.1 %
Medical Residents/Interns	0
Registered Nurses	106
Licensed Practical Nurses	15

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	Yes
Medicare Swing Beds	No

** Except for CMI

* Not used in calculating mortality rates

ST JOSEPHS HOSPITAL

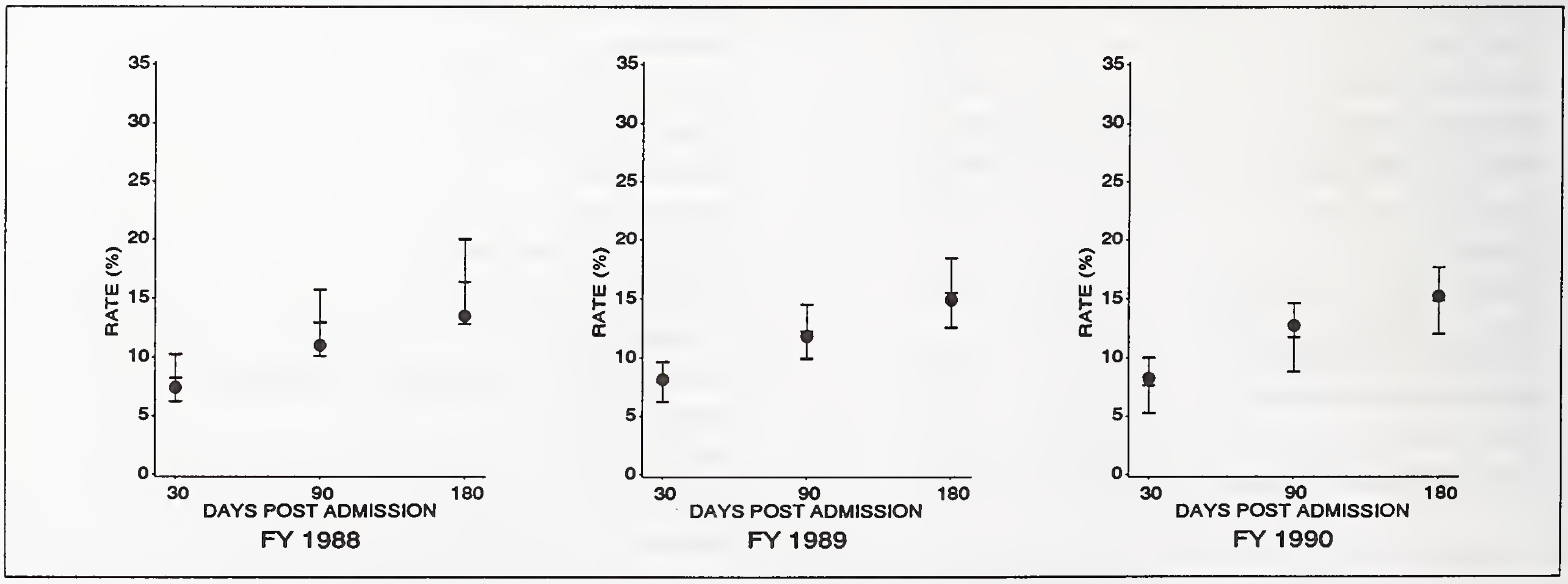
2661 COUNTY TRUNK I
CHIPPEWA FALLS, WI 54729
Medicare Provider Number: 520017

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	938	8.2	7.6	1.2	12.7	11.7	1.5	15.2	14.8	1.4
CONDITIONS:										
Acute Myocardial Infarction	33	21.2	23.7	-----	24.2	27.5	-----	27.3	30.4	-----
Congestive Heart Failure	42	11.9	14.8	-----	21.4	23.7	-----	28.6	30.0	-----
Pneumonia/Influenza	59	15.3	12.0	5.0	22.0	17.1	7.4	23.7	20.7	6.5
Chronic Obstructive Pulmonary Disease	11	9.1	8.1	-----	27.3	14.2	-----	36.4	18.4	-----
Transient Cerebral Ischemia	12	0.0	1.4	-----	0.0	3.1	-----	0.0	4.9	-----
Stroke	36	27.8	17.5	-----	36.1	23.1	-----	38.9	26.5	-----
Hip Fracture	42	7.1	5.1	-----	14.3	9.4	-----	16.7	12.7	-----
Sepsis	13	7.7	16.1	-----	7.7	20.5	-----	7.7	23.3	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	37	2.7	3.0	-----	2.7	5.6	-----	8.1	7.6	-----
Open Reduction of Hip Fracture	13	7.7	3.9	-----	30.8	7.3	-----	30.8	10.2	-----
Prostatectomy	25	0.0	0.7	-----	0.0	1.7	-----	4.0	3.0	-----
Cholecystectomy	13	0.0	1.7	-----	0.0	3.2	-----	0.0	4.4	-----
Hysterectomy	8	0.0	1.7	-----	0.0	3.8	-----	0.0	5.7	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

ST JOSEPHS HOSPITAL

Medicare Provider Number: 520017

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	74.4 years
Proportion female	53.6 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	84.5 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	23.0 %
Admitted for emergency	53.3 %

COMORBIDITIES:	
Cancer	5.5 %
Chronic cardiovascular disease	33.6 %
Chronic liver disease	0.9 %
Chronic renal disease	1.8 %
Chronic pulmonary disease	12.0 %
Cerebrovascular degeneration	8.8 %
Diabetes mellitus	6.5 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	83.4%
State	13.9%
Outside State	2.7%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	6.7 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	127
Occupancy Rate	59.0 %
Ownership/Control	Church
Medicare Discharges	36.4 %
Case Mix Index (CMI)	1.1721
STAFFING:	
Total Number of Physicians	54
Percent of Physicians Board Certified Specialists	75.9 %
Medical Residents/Interns	0
Registered Nurses	77
Licensed Practical Nurses	14

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	Yes
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

ST JOSEPHS HOSPITAL

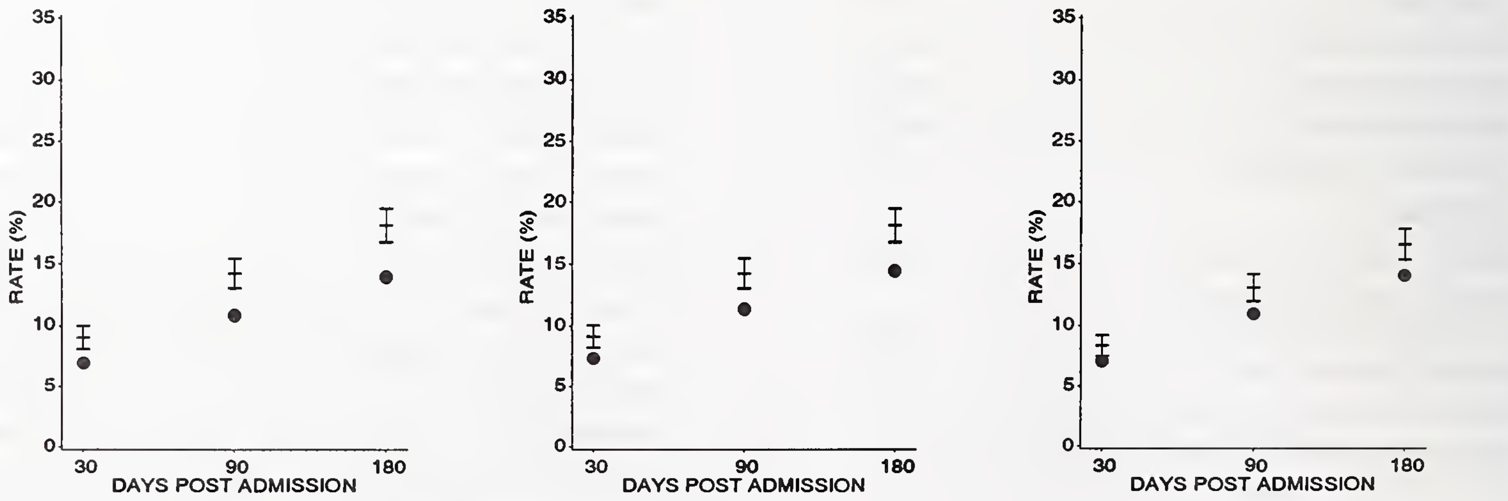
611 ST JOSEPH AVENUE
MARSHFIELD, WI 54449
Medicare Provider Number: 520037

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	4614	7.0	8.3	0.4	10.9	13.0	0.6	14.0	16.5	0.6
CONDITIONS:										
Acute Myocardial Infarction	127	19.7	29.0	6.6	20.5	32.2	6.2	23.6	34.7	6.0
Congestive Heart Failure	136	17.6	15.9	5.5	22.8	24.6	4.0	31.6	31.1	4.6
Pneumonia/Influenza	110	10.9	17.9	5.0	16.4	24.8	6.2	19.1	29.7	6.9
Chronic Obstructive Pulmonary Disease	42	9.5	9.2	-----	14.3	16.4	-----	21.4	21.5	-----
Transient Cerebral Ischemia	44	0.0	1.7	-----	4.5	3.5	-----	6.8	5.5	-----
Stroke	127	20.5	21.9	4.0	27.6	27.9	4.0	30.7	31.9	4.3
Hip Fracture	94	8.5	8.4	2.9	13.8	14.8	4.5	17.0	19.1	5.4
Sepsis	41	29.3	28.2	-----	31.7	36.8	-----	36.6	41.9	-----
PROCEDURES:										
Angioplasty	87	2.3	3.5	3.1	2.3	4.5	3.8	2.3	5.5	4.6
Coronary Artery Bypass Graft	147	4.1	5.7	2.4	8.2	8.0	2.8	8.2	9.0	2.9
Initial Pacemaker Insertion	39	0.0	2.4	-----	5.1	4.6	-----	7.7	6.8	-----
Carotid Endarterectomy	47	0.0	1.2	-----	0.0	2.3	-----	0.0	3.5	-----
Hip Replacement/Reconstruction	136	0.0	2.5	1.6	1.5	4.8	2.3	2.2	6.5	2.8
Open Reduction of Hip Fracture	24	12.5	8.2	-----	16.7	14.7	-----	20.8	19.2	-----
Prostatectomy	210	0.5	1.0	0.8	1.0	2.4	1.4	2.9	4.0	1.7
Cholecystectomy	90	3.3	3.3	1.9	5.6	6.1	2.6	5.6	7.9	3.5
Hysterectomy	57	0.0	0.9	1.4	0.0	1.7	2.3	1.8	2.7	2.3

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988 FY 1989 FY 1990

ST JOSEPHS HOSPITAL

Medicare Provider Number: 520037

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	73.1 years
Proportion female	45.8 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	61.8 %
Transferred from skilled nursing facility	5.8 %
Admitted for elective procedure	41.1 %
Admitted for emergency	31.1 %

COMORBIDITIES:

Cancer	11.4 %
Chronic cardiovascular disease	41.1 %
Chronic liver disease	0.8 %
Chronic renal disease	2.5 %
Chronic pulmonary disease	13.9 %
Cerebrovascular degeneration	4.0 %
Diabetes mellitus	4.7 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	28.9%
State	66.5%
Outside State	4.6%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	8.6 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	524
Occupancy Rate	66.0 %
Ownership/Control	Church
Medicare Discharges	41.8 %
Case Mix Index (CMI)	1.5700

STAFFING:

Total Number of Physicians	268
Percent of Physicians Board Certified Specialists	86.6 %
Medical Residents/Interns	0
Registered Nurses	424
Licensed Practical Nurses	41

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	Yes
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	Yes
Rehabilitation	Yes
Psychiatric	Yes
Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

ST JOSEPHS HOSPITAL

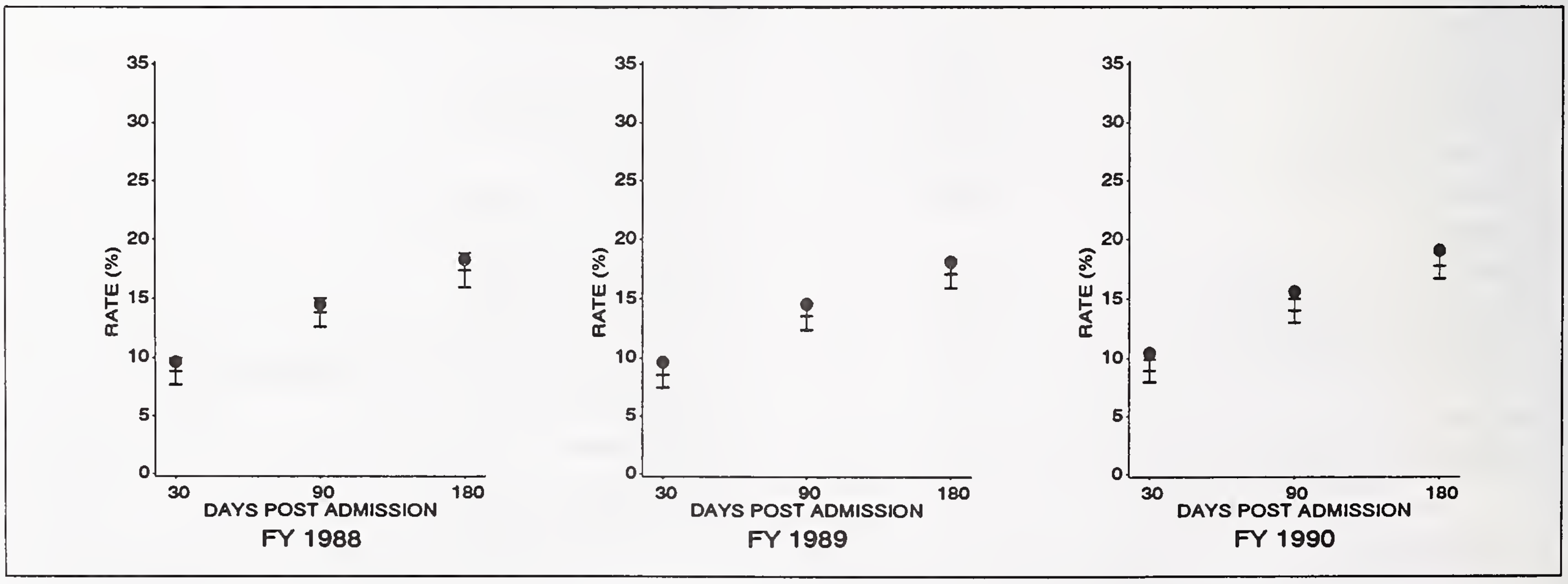
5000 WEST CHAMBERS STREET
MILWAUKEE, WI 53210
Medicare Provider Number: 520136

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	5105	10.4	8.9	0.5	15.6	14.0	0.5	19.1	17.8	0.5
CONDITIONS:										
Acute Myocardial Infarction	176	27.3	23.4	4.0	29.0	26.9	3.6	31.3	29.7	3.6
Congestive Heart Failure	323	15.2	14.2	2.4	25.4	22.7	4.0	32.5	29.1	3.7
Pneumonia/Influenza	170	20.0	16.3	4.7	28.8	22.5	5.4	32.4	26.7	5.1
Chronic Obstructive Pulmonary Disease	55	12.7	9.5	4.8	18.2	16.9	5.3	27.3	22.3	7.0
Transient Cerebral Ischemia	78	1.3	2.0	1.7	3.8	4.4	2.4	6.4	7.1	3.0
Stroke	188	23.4	17.4	5.0	29.3	23.7	5.8	35.1	27.6	5.9
Hip Fracture	131	9.9	6.3	4.0	16.8	11.4	6.4	19.8	15.1	7.1
Sepsis	53	20.8	24.2	7.8	26.4	34.5	11.7	35.8	40.4	11.1
PROCEDURES:										
Angioplasty	128	0.8	2.6	2.4	1.6	3.5	2.8	2.3	4.4	3.0
Coronary Artery Bypass Graft	131	7.6	5.8	3.3	9.2	8.1	2.7	12.2	9.1	3.6
Initial Pacemaker Insertion	53	3.8	3.5	2.5	9.4	7.1	4.2	9.4	10.2	4.2
Carotid Endarterectomy	23	0.0	1.5	-----	0.0	2.8	-----	0.0	4.2	-----
Hip Replacement/Reconstruction	136	5.9	3.7	3.4	11.0	6.9	4.9	12.5	9.4	4.6
Open Reduction of Hip Fracture	43	7.0	6.0	-----	14.0	11.4	-----	18.6	15.3	-----
Prostatectomy	197	1.0	0.9	0.8	1.0	2.2	1.2	2.0	3.8	1.6
Cholecystectomy	98	1.0	2.4	2.3	3.1	4.4	3.2	4.1	6.0	3.4
Hysterectomy	50	2.0	0.8	-----	2.0	1.9	-----	2.0	2.9	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



ST JOSEPHS HOSPITAL
Medicare Provider Number: 520136

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	75.9 years
Proportion female	57.9 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	93.9 %
Transferred from skilled nursing facility	2.1 %
Admitted for elective procedure	22.5 %
Admitted for emergency	33.0 %

COMORBIDITIES:	
Cancer	10.3 %
Chronic cardiovascular disease	40.3 %
Chronic liver disease	0.9 %
Chronic renal disease	3.1 %
Chronic pulmonary disease	12.4 %
Cerebrovascular degeneration	4.3 %
Diabetes mellitus	6.7 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	84.3%
State	14.2%
Outside State	1.5%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	9.0 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	470
Occupancy Rate	85.0 %
Ownership/Control	Church
Medicare Discharges	39.9 %
Case Mix Index (CMI)	1.4282
STAFFING:	
Total Number of Physicians	373
Percent of Physicians Board Certified Specialists	74.3 %
Medical Residents/Interns	30
Registered Nurses	581
Licensed Practical Nurses	3

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	Yes
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	No
Rehabilitation	Yes
Psychiatric	No
Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

ST JOSEPHS MEMORIAL HOSPITAL

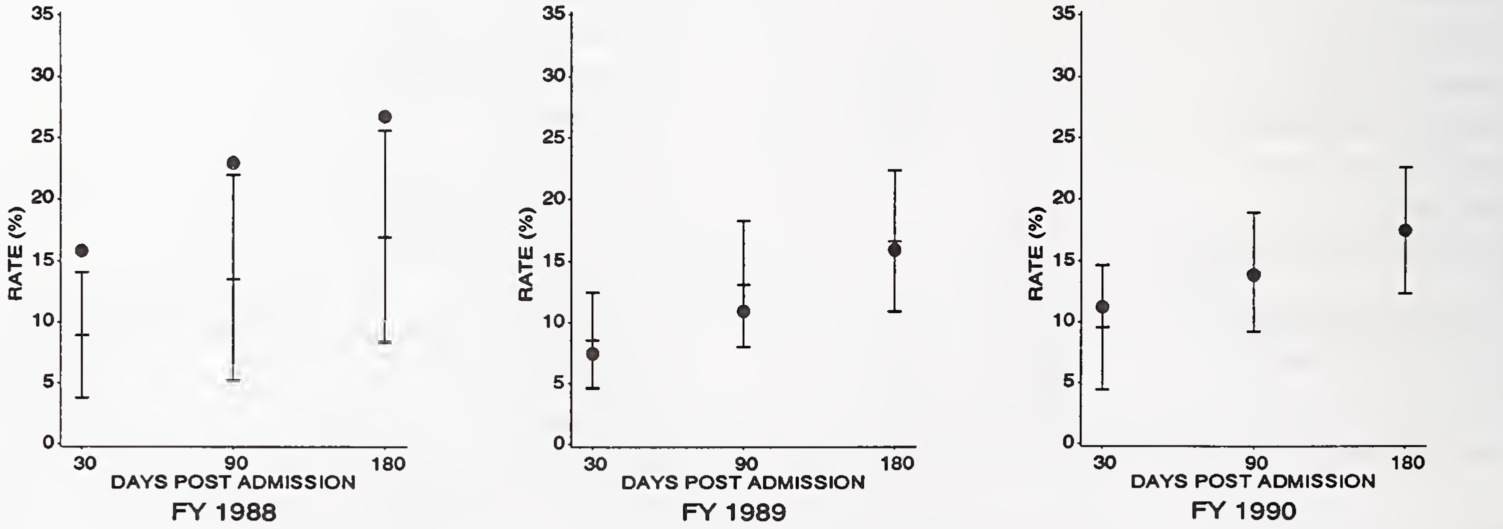
400 WATER AVENUE
HILLSBORO, WI 54634
Medicare Provider Number: 520016

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	224	11.2	9.5	2.6	13.8	14.0	2.4	17.4	17.4	2.6
CONDITIONS:										
Acute Myocardial Infarction	10	30.0	26.2	-----	30.0	28.5	-----	30.0	31.2	-----
Congestive Heart Failure	20	15.0	13.6	-----	20.0	21.3	-----	20.0	26.9	-----
Pneumonia/Influenza	14	21.4	14.2	-----	21.4	20.1	-----	42.9	24.4	-----
Chronic Obstructive Pulmonary Disease	2	0.0	7.8	-----	0.0	13.8	-----	0.0	18.5	-----
Transient Cerebral Ischemia	4	0.0	2.1	-----	0.0	4.5	-----	0.0	7.0	-----
Stroke	11	0.0	19.6	-----	0.0	26.4	-----	18.2	30.7	-----
Hip Fracture	8	25.0	9.8	-----	25.0	17.0	-----	37.5	21.1	-----
Sepsis	2	0.0	21.0	-----	0.0	29.7	-----	0.0	35.5	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	8	25.0	8.8	-----	25.0	15.8	-----	37.5	19.8	-----
Open Reduction of Hip Fracture	0									
Prostatectomy	2	0.0	1.4	-----	0.0	2.7	-----	0.0	4.3	-----
Cholecystectomy	4	0.0	14.8	-----	0.0	19.9	-----	0.0	21.6	-----
Hysterectomy	3	0.0	0.1	-----	0.0	0.2	-----	0.0	0.4	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

ST JOSEPHS MEMORIAL HOSPITAL
Medicare Provider Number: 520016

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	77.6 years
Proportion female	58.9 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	47.8 %
Transferred from skilled nursing facility	2.2 %
Admitted for elective procedure	10.7 %
Admitted for emergency	2.2 %

COMORBIDITIES:	
Cancer	5.4 %
Chronic cardiovascular disease	50.0 %
Chronic liver disease	0.0 %
Chronic renal disease	3.1 %
Chronic pulmonary disease	11.6 %
Cerebrovascular degeneration	3.1 %
Diabetes mellitus	4.5 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	34.0%
State	64.5%
Outside State	1.5%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	4.1 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: Health Care Financing Administration (OSCAR)** - Survey Year 1989

PROFILE:	
Total Beds	34
Ownership/Control	Church
Case Mix Index (CMI)	1.0219
STAFFING:	
Medical Residents/Interns	0
Registered Nurses	9
Licensed Practical Nurses	1

SPECIALTY SERVICES:	
Burn Unit	No
Coronary Care Unit	No
Hospice Care	No
Intensive Care Unit	No
Organ Transplant	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

** Except for CMI

* Not used in calculating mortality rates

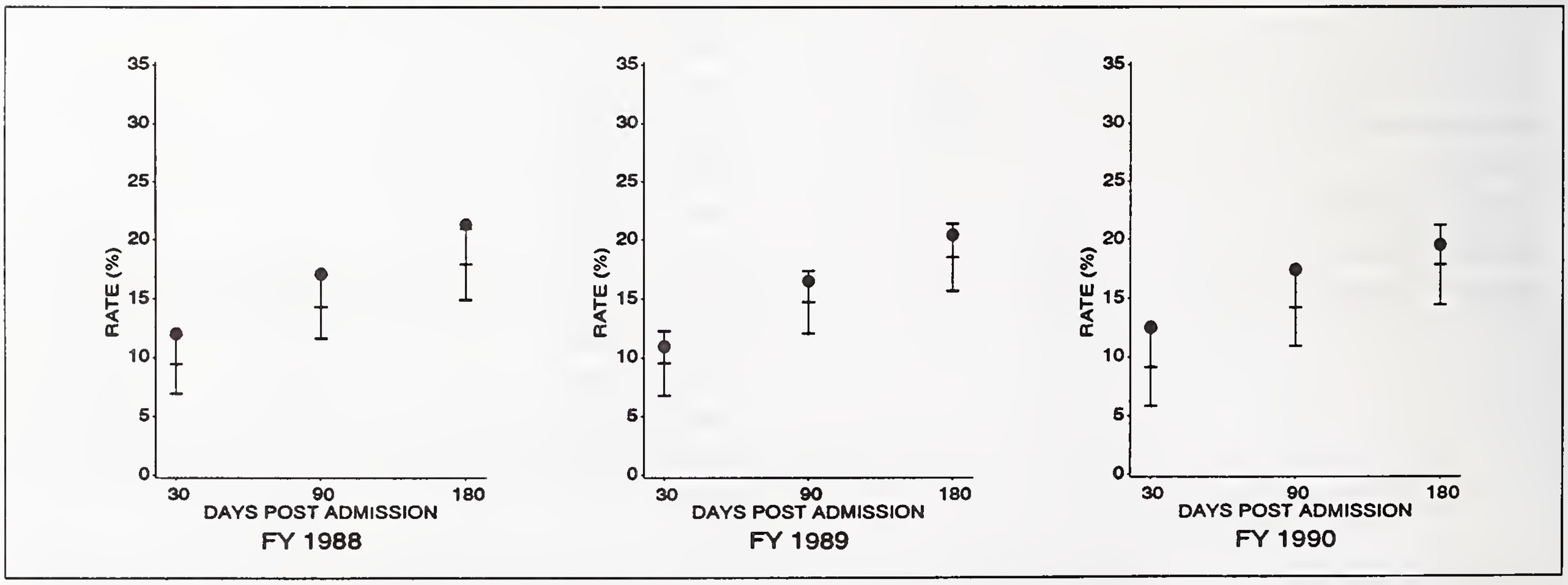
ST LUKES HOSPITAL
1320 WISCONSIN AVENUE
RACINE, WI 53403
Medicare Provider Number: 520094

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	935	12.5	9.1	1.7	17.4	14.2	1.7	19.5	17.8	1.7
CONDITIONS:										
Acute Myocardial Infarction	16	31.3	32.2	-----	37.5	35.0	-----	37.5	37.8	-----
Congestive Heart Failure	36	16.7	14.3	-----	25.0	22.5	-----	33.3	28.2	-----
Pneumonia/Influenza	29	20.7	13.9	-----	24.1	19.0	-----	27.6	22.3	-----
Chronic Obstructive Pulmonary Disease	12	16.7	8.1	-----	16.7	13.7	-----	16.7	17.8	-----
Transient Cerebral Ischemia	3	0.0	3.4	-----	0.0	7.2	-----	0.0	11.4	-----
Stroke	30	36.7	23.2	-----	46.7	29.0	-----	46.7	32.5	-----
Hip Fracture	21	14.3	7.7	-----	19.0	14.4	-----	23.8	19.3	-----
Sepsis	9	33.3	33.9	-----	55.6	45.0	-----	55.6	49.3	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	33.3	12.0	-----	33.3	22.5	-----	33.3	28.5	-----
Carotid Endarterectomy	2	0.0	1.1	-----	0.0	2.3	-----	0.0	4.0	-----
Hip Replacement/Reconstruction	15	13.3	3.8	-----	20.0	6.7	-----	26.7	8.7	-----
Open Reduction of Hip Fracture	13	7.7	7.6	-----	15.4	15.3	-----	15.4	21.0	-----
Prostatectomy	34	0.0	1.0	-----	2.9	2.4	-----	2.9	4.1	-----
Cholecystectomy	24	4.2	2.2	-----	4.2	4.3	-----	4.2	5.7	-----
Hysterectomy	22	0.0	0.2	-----	0.0	0.4	-----	0.0	0.8	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



ST LUKES HOSPITAL

Medicare Provider Number: 520094

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	70.7 years
Proportion female	56.3 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	51.4 %
Transferred from skilled nursing facility	0.2 %
Admitted for elective procedure	30.9 %
Admitted for emergency	40.2 %

COMORBIDITIES:

Cancer	10.2 %
Chronic cardiovascular disease	26.4 %
Chronic liver disease	2.9 %
Chronic renal disease	6.8 %
Chronic pulmonary disease	15.6 %
Cerebrovascular degeneration	6.1 %
Diabetes mellitus	8.7 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	77.4%
State	14.2%
Outside State	8.4%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	7.6 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	230
Occupancy Rate	65.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	24.1 %
Case Mix Index (CMI)	1.1787

STAFFING:

Total Number of Physicians	170
Percent of Physicians Board Certified Specialists	70.0 %
Medical Residents/Interns	0
Registered Nurses	221
Licensed Practical Nurses	56

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	Yes
Rehabilitation	No
Psychiatric	Yes
Medicare Swing Beds	No

* Not used in calculating mortality rates

ST LUKES MEDICAL CENTER INC

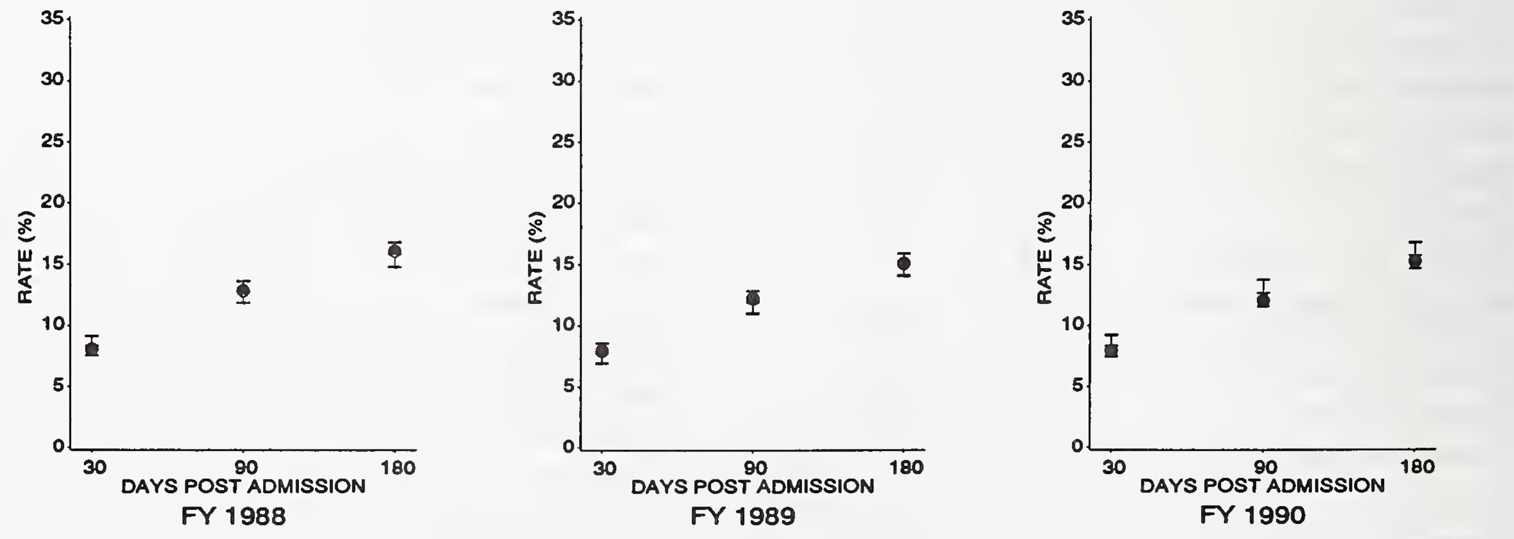
2900 WEST OKLAHOMA AVENUE
MILWAUKEE, WI 53215
Medicare Provider Number: 520138

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD*	90 DAYS OBS	PRED	SD*	180 DAYS OBS	PRED	SD*
ALL CAUSES	6760	7.9	8.3	0.4	12.0	12.6	0.6	15.2	15.7	0.5
CONDITIONS:										
Acute Myocardial Infarction	173	23.1	27.2	4.0	27.7	30.1	3.7	30.6	32.6	3.8
Congestive Heart Failure	370	14.6	14.3	1.9	23.5	22.4	2.4	28.6	28.4	2.6
Pneumonia/Influenza	175	17.7	16.9	2.9	21.7	22.9	3.5	26.3	27.0	3.5
Chronic Obstructive Pulmonary Disease	64	10.9	10.0	3.9	17.2	16.3	5.1	21.9	20.8	5.5
Transient Cerebral Ischemia	75	1.3	1.8	1.6	2.7	4.0	2.6	4.0	6.5	3.5
Stroke	180	22.2	21.3	3.8	28.9	27.5	4.9	32.2	31.2	4.8
Hip Fracture	93	4.3	6.3	2.9	10.8	11.0	4.0	15.1	14.3	3.8
Sepsis	70	15.7	25.5	6.5	28.6	34.9	6.3	35.7	39.9	7.0
PROCEDURES:										
Angioplasty	560	1.8	1.9	0.8	2.3	2.8	0.8	3.8	3.6	0.8
Coronary Artery Bypass Graft	509	6.5	5.6	1.5	8.6	8.4	1.8	9.0	9.6	1.9
Initial Pacemaker Insertion	65	0.0	4.1	3.2	3.1	7.6	4.0	7.7	10.6	4.1
Carotid Endarterectomy	58	3.4	1.9	2.5	3.4	3.5	2.6	6.9	5.0	3.3
Hip Replacement/Reconstruction	77	2.6	3.1	2.1	3.9	5.7	3.9	3.9	7.7	5.2
Open Reduction of Hip Fracture	49	2.0	5.6	-----	10.2	10.2	-----	18.4	13.6	-----
Prostatectomy	183	0.5	0.9	1.1	2.2	2.2	1.2	4.9	3.8	1.8
Cholecystectomy	113	1.8	3.0	1.9	4.4	5.3	2.2	5.3	6.9	2.6
Hysterectomy	23	0.0	1.3	-----	4.3	2.9	-----	8.7	4.6	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988 FY 1989 FY 1990

ST LUKES MEDICAL CENTER INC
Medicare Provider Number: 520138

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:		COMORBIDITIES:	
Average age at admission	73.6 years	Cancer	7.8 %
Proportion female	50.8 %	Chronic cardiovascular disease	48.2 %
ADMISSION SOURCES/TYPES:		Chronic liver disease	0.7 %
Referred by personal or HMO physician	42.0 %	Chronic renal disease	2.9 %
Transferred from skilled nursing facility	1.1 %	Chronic pulmonary disease	9.8 %
Admitted for elective procedure	39.0 %	Cerebrovascular degeneration	3.7 %
Admitted for emergency	46.6 %	Diabetes mellitus	7.0 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:		MEDICARE AVERAGE LENGTH OF STAY:	
County/City	72.3%	Hospital	8.4 Days
State	20.6%	State	7.4 Days
Outside State	7.1%	National	8.6 Days
Total	100.0%		

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1989

PROFILE:		SPECIALTY SERVICES:	
Total Beds	532	Burn Unit	No
Occupancy Rate	76.0 %	Cardiac Intensive Care	Yes
Ownership.Control	Private, Non-Profit	Comprehensive Geriatric	Yes
Medicare Discharges	49.7 %	Hospice Care	No
Case Mix Index (CMI)	1.7102	Medical/Surgical Intensive Care	Yes
STAFFING:		Organ/Tissue Transplant	Yes
Total Number of Physicians	455	Other Intensive Care	Yes
Percent of Physicians Board Certified Specialists	69.0 %	Trauma Center	No
Medical Residents/Interns	49	OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Registered Nurses	637	Alcohol/Drug	No
Licensed Practical Nurses	37	Rehabilitation	Yes
		Psychiatric	Yes
		Medicare Swing Beds	No

** Except for CMI

* Not used in calculating mortality rates

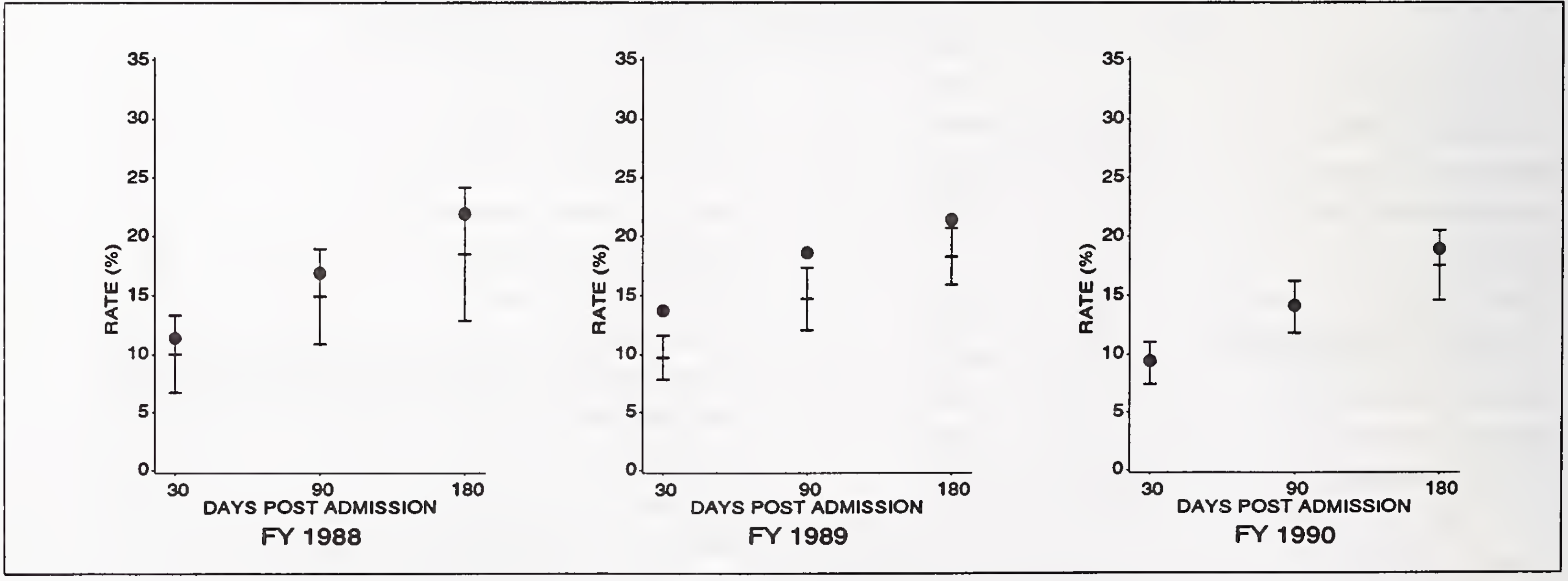
ST MARYS HOSPITAL
1044 KABEL AVENUE
RHINELANDER, WI 54501
Medicare Provider Number: 520019

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	1013	9.4	9.2	0.9	14.1	14.0	1.1	18.9	17.5	1.5
CONDITIONS:										
Acute Myocardial Infarction	37	18.9	27.5	-----	24.3	31.5	-----	24.3	34.7	-----
Congestive Heart Failure	42	7.1	13.9	-----	11.9	21.5	-----	23.8	27.3	-----
Pneumonia/Influenza	49	20.4	17.7	-----	24.5	24.6	-----	30.6	29.0	-----
Chronic Obstructive Pulmonary Disease	16	6.3	4.9	-----	12.5	8.7	-----	25.0	12.2	-----
Transient Cerebral Ischemia	4	25.0	1.8	-----	25.0	3.6	-----	50.0	5.9	-----
Stroke	27	3.7	23.5	-----	7.4	28.4	-----	7.4	31.8	-----
Hip Fracture	47	6.4	7.6	-----	8.5	13.4	-----	10.6	17.3	-----
Sepsis	21	9.5	25.3	-----	23.8	32.8	-----	28.6	37.5	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	10	0.0	3.9	-----	0.0	6.5	-----	0.0	8.9	-----
Carotid Endarterectomy	5	0.0	0.9	-----	0.0	1.8	-----	0.0	2.8	-----
Hip Replacement/Reconstruction	32	3.1	3.2	-----	3.1	6.1	-----	3.1	8.2	-----
Open Reduction of Hip Fracture	28	7.1	6.4	-----	10.7	11.7	-----	14.3	15.5	-----
Prostatectomy	1	0.0	0.3	-----	0.0	0.7	-----	0.0	1.2	-----
Cholecystectomy	23	0.0	1.8	-----	4.3	3.2	-----	13.0	4.4	-----
Hysterectomy	8	0.0	0.1	-----	0.0	0.1	-----	0.0	0.2	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD)
FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

ST MARYS HOSPITAL

Medicare Provider Number: 520019

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	74.7 years
Proportion female	59.6 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	43.1 %
Transferred from skilled nursing facility	7.3 %
Admitted for elective procedure	18.7 %
Admitted for emergency	53.4 %

COMORBIDITIES:

Cancer	9.4 %
Chronic cardiovascular disease	27.4 %
Chronic liver disease	0.7 %
Chronic renal disease	0.9 %
Chronic pulmonary disease	11.5 %
Cerebrovascular degeneration	6.0 %
Diabetes mellitus	6.3 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	60.9%
State	34.9%
Outside State	4.2%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	5.9 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	168
Occupancy Rate	49.0 %
Ownership/Control	Church
Medicare Discharges	38.7 %
Case Mix Index (CMI)	1.2373

STAFFING:

Total Number of Physicians	40
Percent of Physicians Board Certified Specialists	85.0 %
Medical Residents/Interns	0
Registered Nurses	115
Licensed Practical Nurses	4

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	Yes
Rehabilitation	No
Psychiatric	Yes
Medicare Swing Beds	Yes

*** Not used in calculating mortality rates**

ST MARYS HOSPITAL

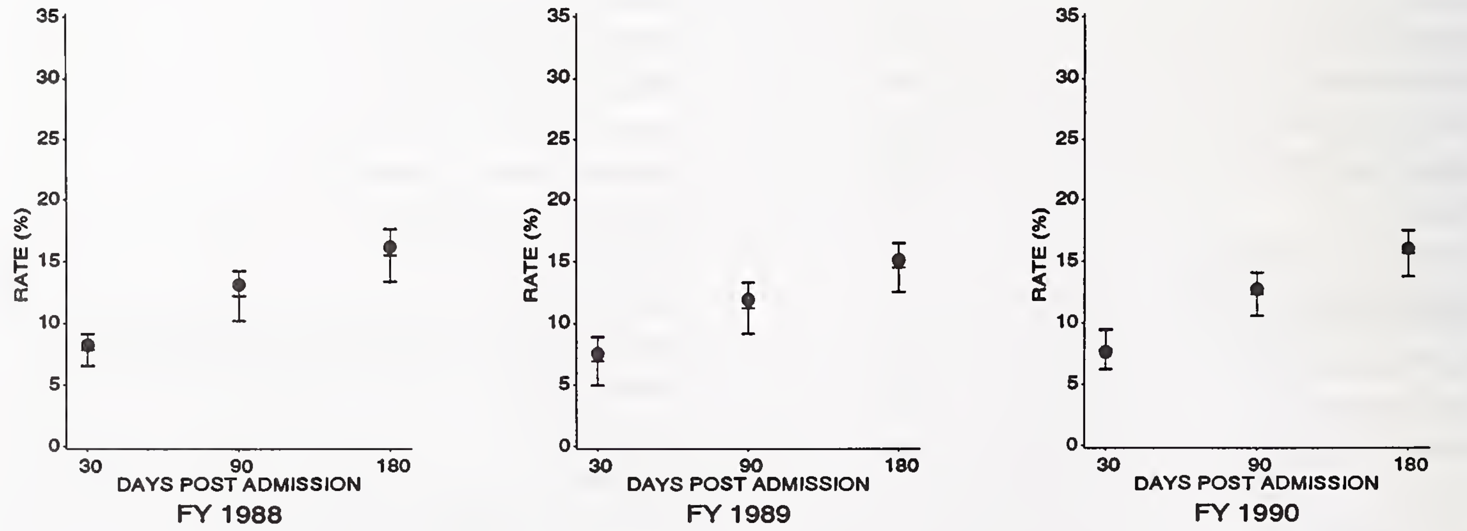
2323 N LAKE DRIVE
MILWAUKEE, WI 53201
Medicare Provider Number: 520051

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

		MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
CATEGORY	NUMBER OF CASES	OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	2340	7.6	7.8	0.8	12.7	12.3	0.9	16.0	15.6	0.9
CONDITIONS:										
Acute Myocardial Infarction	39	30.8	25.7	-----	38.5	28.9	-----	38.5	31.7	-----
Congestive Heart Failure	108	4.6	15.0	6.2	17.6	24.2	5.3	27.8	30.6	5.1
Pneumonia/Influenza	59	18.6	14.5	8.8	23.7	19.9	8.5	27.1	23.7	8.9
Chronic Obstructive Pulmonary Disease	33	9.1	9.1	-----	15.2	15.6	-----	15.2	20.5	-----
Transient Cerebral Ischemia	17	0.0	1.1	-----	0.0	2.6	-----	11.8	4.4	-----
Stroke	28	28.6	15.0	-----	39.3	20.7	-----	39.3	24.0	-----
Hip Fracture	39	12.8	6.5	-----	20.5	11.4	-----	20.5	14.7	-----
Sepsis	15	26.7	20.2	-----	40.0	28.4	-----	40.0	32.6	-----
PROCEDURES:										
Angioplasty	136	1.5	1.8	1.2	2.2	2.5	1.6	2.9	3.4	2.2
Coronary Artery Bypass Graft	189	7.9	5.1	2.0	13.8	7.3	3.4	14.3	8.4	3.0
Initial Pacemaker Insertion	21	0.0	3.6	-----	0.0	7.5	-----	14.3	10.8	-----
Carotid Endarterectomy	11	0.0	1.6	-----	0.0	3.1	-----	9.1	4.6	-----
Hip Replacement/Reconstruction	28	7.1	4.2	-----	14.3	8.4	-----	14.3	11.4	-----
Open Reduction of Hip Fracture	25	16.0	6.1	-----	24.0	10.9	-----	24.0	14.0	-----
Prostatectomy	85	1.2	0.8	1.1	2.4	1.9	1.7	2.4	3.3	2.3
Cholecystectomy	28	0.0	1.5	-----	0.0	2.7	-----	0.0	3.5	-----
Hysterectomy	30	0.0	0.4	-----	0.0	1.0	-----	0.0	1.7	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

ST MARYS HOSPITAL
Medicare Provider Number: 520051

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	72.8 years
Proportion female	54.1 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	64.9 %
Transferred from skilled nursing facility	0.2 %
Admitted for elective procedure	37.8 %
Admitted for emergency	36.9 %

COMORBIDITIES:

Cancer	7.3 %
Chronic cardiovascular disease	37.8 %
Chronic liver disease	1.0 %
Chronic renal disease	3.0 %
Chronic pulmonary disease	13.6 %
Cerebrovascular degeneration	5.8 %
Diabetes mellitus	9.0 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	71.2%
State	18.4%
Outside State	10.4%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	9.2 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	314
Occupancy Rate	69.0 %
Ownership/Control	Church
Medicare Discharges	(Not Available)
Case Mix Index (CMI)	1.8092

STAFFING:

Total Number of Physicians	165
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	8
Registered Nurses	551
Licensed Practical Nurses	46

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	Yes
Cardiac Intensive Care	Yes
Comprehensive Geriatric	Yes
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	Yes
Psychiatric	No
Medicare Swing Beds	No

*** Not used in calculating mortality rates**

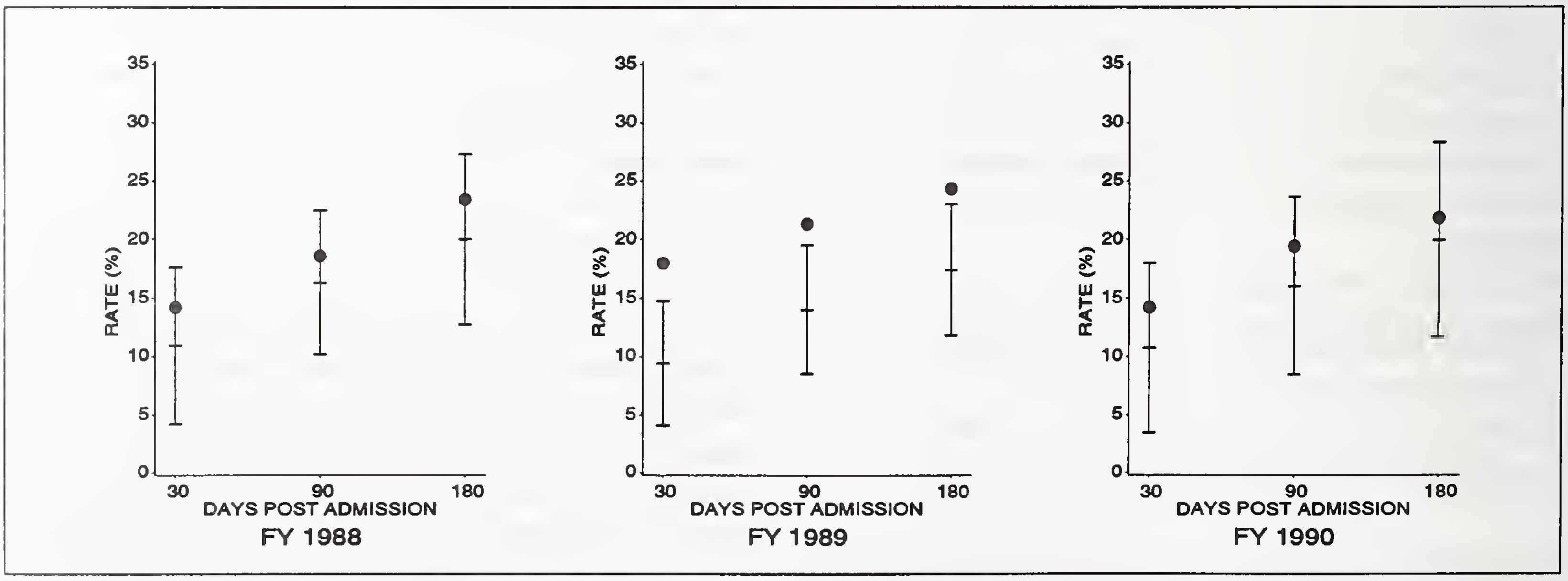
ST MARYS HOSPITAL INC
WEST MAIN AND K STREETS
SPARTA, WI 54656
Medicare Provider Number: 520121

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	211	14.2	10.7	3.6	19.4	16.0	3.8	21.8	19.9	4.2
CONDITIONS:										
Acute Myocardial Infarction	5	40.0	20.8	-----	40.0	23.3	-----	40.0	25.8	-----
Congestive Heart Failure	12	33.3	16.3	-----	41.7	26.5	-----	50.0	33.2	-----
Pneumonia/Influenza	23	26.1	19.2	-----	26.1	26.5	-----	34.8	31.3	-----
Chronic Obstructive Pulmonary Disease	2	50.0	2.5	-----	50.0	5.2	-----	50.0	7.8	-----
Transient Cerebral Ischemia	3	0.0	1.6	-----	0.0	3.8	-----	0.0	6.5	-----
Stroke	16	18.8	19.2	-----	25.0	24.8	-----	25.0	28.4	-----
Hip Fracture	0									
Sepsis	1	0.0	39.9	-----	0.0	44.3	-----	0.0	47.3	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	3	0.0	0.4	-----	0.0	0.8	-----	0.0	1.4	-----
Cholecystectomy	2	0.0	0.9	-----	50.0	2.1	-----	50.0	3.5	-----
Hysterectomy	0									

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



ST MARYS HOSPITAL INC
Medicare Provider Number: 520121

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:		**COMORBIDITIES:**	
Average age at admission	78.1 years	Cancer	5.7 %
Proportion female	53.6 %	Chronic cardiovascular disease	42.2 %
ADMISSION SOURCES/TYPES:		Chronic liver disease	0.5 %
Referred by personal or HMO physician	51.2 %	Chronic renal disease	2.8 %
Transferred from skilled nursing facility	0.0 %	Chronic pulmonary disease	16.6 %
Admitted for elective procedure	2.8 %	Cerebrovascular degeneration	4.7 %
Admitted for emergency	10.4 %	Diabetes mellitus	7.1 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:		**MEDICARE AVERAGE LENGTH OF STAY:**	
County/City	91.1%	Hospital	4.5 Days
State	7.6%	State	7.4 Days
Outside State	1.3%	National	8.6 Days
Total	100.0%		

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:		**SPECIALTY SERVICES:**	
Total Beds	60	Burn Unit	No
Occupancy Rate	65.0 %	Cardiac Intensive Care	No
Ownership/Control	Church	Comprehensive Geriatric	No
Medicare Discharges	40.8 %	Hospice Care	No
Case Mix Index (CMI)	1.0102	Medical/Surgical Intensive Care	No
STAFFING:		Organ/Tissue Transplant	No
Total Number of Physicians	6	Other Intensive Care	Yes
Percent of Physicians Board Certified Specialists	100.0 %	Trauma Center	No
		OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Medical Residents/Interns	0	Alcohol/Drug	No
Registered Nurses	18	Rehabilitation	No
Licensed Practical Nurses	6	Psychiatric	No
		Medicare Swing Beds	Yes

** Except for CMI

* Not used in calculating mortality rates

ST MARYS HOSPITAL MEDICAL CENTER

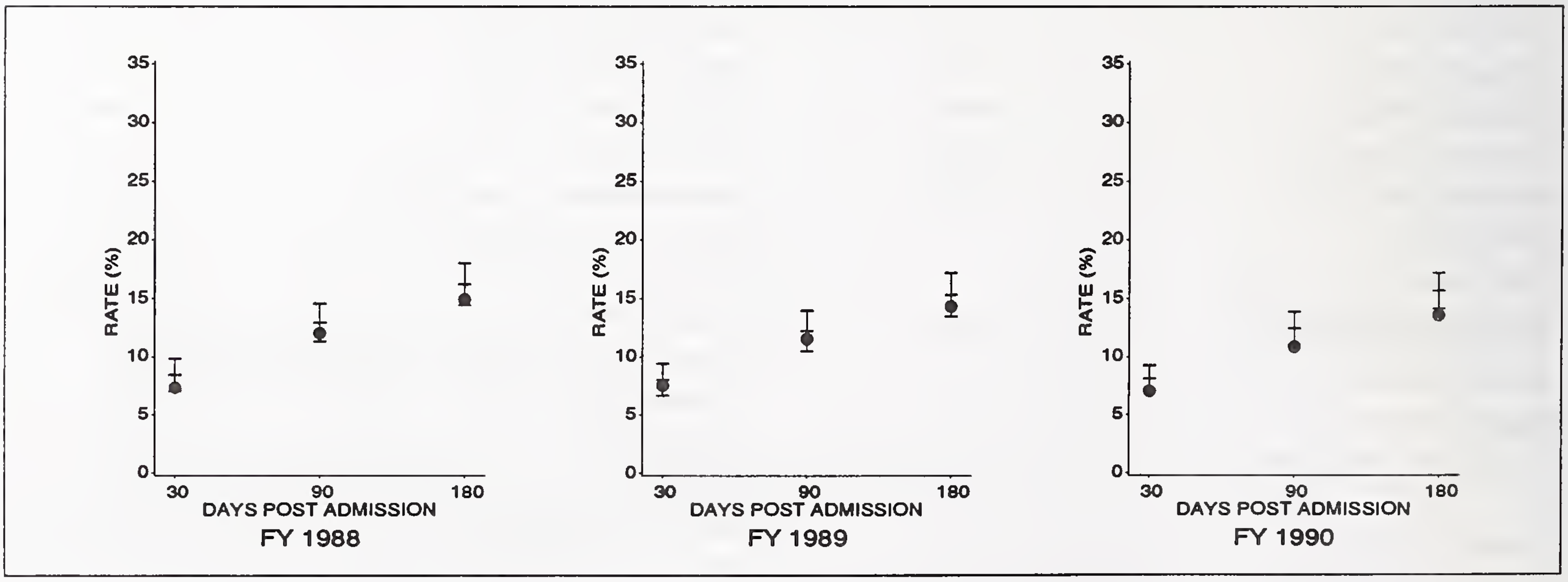
707 SOUTH MILLS STREET
MADISON, WI 53715
Medicare Provider Number: 520083

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD*	90 DAYS OBS	PRED	SD*	180 DAYS OBS	PRED	SD*
ALL CAUSES	3863	7.0	8.1	0.6	10.8	12.4	0.7	13.5	15.6	0.8
CONDITIONS:										
Acute Myocardial Infarction	127	18.9	25.0	4.8	26.0	27.9	4.7	28.3	30.4	4.6
Congestive Heart Failure	140	13.6	14.4	3.0	20.7	22.6	4.7	26.4	28.8	5.8
Pneumonia/Influenza	129	13.2	16.3	4.5	16.3	22.3	6.0	22.5	26.3	6.1
Chronic Obstructive Pulmonary Disease	30	3.3	9.2	-----	6.7	15.4	-----	13.3	20.1	-----
Transient Cerebral Ischemia	69	1.4	1.9	1.7	1.4	4.0	3.0	2.9	6.2	3.7
Stroke	131	21.4	20.0	3.6	25.2	26.4	4.0	27.5	30.2	4.5
Hip Fracture	100	6.0	7.5	3.2	8.0	12.9	4.3	14.0	16.6	6.7
Sepsis	39	10.3	19.5	-----	25.6	26.4	-----	25.6	30.7	-----
PROCEDURES:										
Angioplasty	53	1.9	2.7	2.5	3.8	3.5	3.4	3.8	4.2	3.5
Coronary Artery Bypass Graft	100	4.0	4.9	2.2	5.0	7.0	2.8	5.0	8.0	3.2
Initial Pacemaker Insertion	31	3.2	2.6	-----	6.5	5.4	-----	9.7	8.2	-----
Carotid Endarterectomy	24	0.0	1.4	-----	4.2	2.8	-----	8.3	4.3	-----
Hip Replacement/Reconstruction	122	2.5	2.9	2.1	4.1	5.2	2.5	6.6	6.9	2.6
Open Reduction of Hip Fracture	41	2.4	5.7	-----	4.9	10.6	-----	12.2	14.2	-----
Prostatectomy	144	1.4	1.2	1.1	2.8	2.8	1.4	4.2	4.5	1.8
Cholecystectomy	82	2.4	2.6	1.8	3.7	5.1	2.8	4.9	7.1	3.3
Hysterectomy	40	2.5	0.6	-----	2.5	1.5	-----	2.5	2.3	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



ST MARYS HOSPITAL MEDICAL CENTER

Medicare Provider Number: 520083

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:		COMORBIDITIES:	
Average age at admission	74.4 years	Cancer	7.9 %
Proportion female	54.6 %	Chronic cardiovascular disease	38.1 %
ADMISSION SOURCES/TYPES:		Chronic liver disease	1.0 %
Referred by personal or HMO physician	53.0 %	Chronic renal disease	2.1 %
Transferred from skilled nursing facility	1.3 %	Chronic pulmonary disease	15.8 %
Admitted for elective procedure	33.6 %	Cerebrovascular degeneration	3.5 %
Admitted for emergency	47.9 %	Diabetes mellitus	6.1 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:		MEDICARE AVERAGE LENGTH OF STAY:	
County/City	67.2%	Hospital	7.9 Days
State	30.6%	State	7.4 Days
Outside State	2.2%	National	8.6 Days
Total	100.0%		

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1989

PROFILE:		SPECIALTY SERVICES:	
Total Beds	350	Burn Unit	No
Occupancy Rate	76.0 %	Cardiac Intensive Care	Yes
Ownership.Control	Private, Non-Profit	Comprehensive Geriatric	Yes
Medicare Discharges	30.8 %	Hospice Care	No
Case Mix Index (CMI)	1.5211	Medical/Surgical Intensive Care	Yes
STAFFING:		Organ/Tissue Transplant	Yes
Total Number of Physicians	292	Other Intensive Care	Yes
Percent of Physicians Board Certified Specialists	81.2 %	Trauma Center	No
		OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Medical Residents/Interns	0	Alcohol/Drug	No
Registered Nurses	407	Rehabilitation	No
Licensed Practical Nurses	42	Psychiatric	Yes
		Medicare Swing Beds	No

** Except for CMI

* Not used in calculating mortality rates

ST MARYS HOSPITAL MEDICAL CENTER

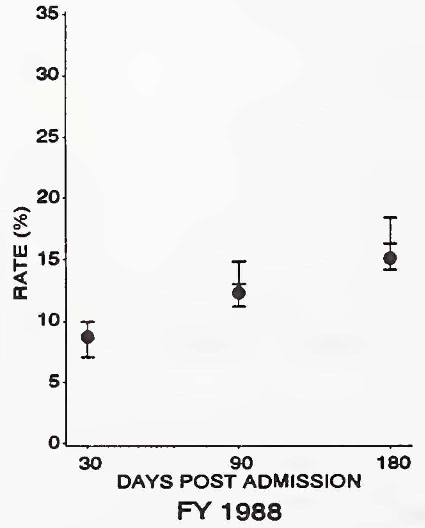
1726 SHAWANO AVENUE
GREEN BAY, WI 54303
Medicare Provider Number: 520097

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

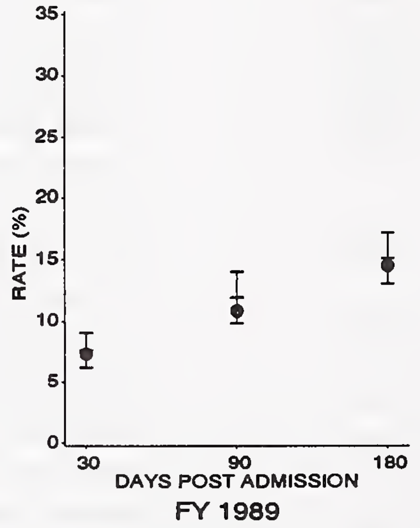
CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	1505	8.3	7.4	1.1	12.6	11.6	1.2	16.2	14.7	1.3
CONDITIONS:										
Acute Myocardial Infarction	30	23.3	22.9	-----	36.7	25.5	-----	36.7	27.9	-----
Congestive Heart Failure	88	18.2	14.6	5.1	28.4	23.2	8.4	36.4	29.7	8.3
Pneumonia/Influenza	45	20.0	14.8	-----	24.4	20.4	-----	31.1	24.3	-----
Chronic Obstructive Pulmonary Disease	44	6.8	9.6	-----	9.1	16.6	-----	13.6	22.1	-----
Transient Cerebral Ischemia	16	0.0	1.3	-----	6.3	3.2	-----	12.5	5.3	-----
Stroke	70	14.3	16.6	8.1	18.6	22.2	9.2	20.0	25.5	9.6
Hip Fracture	49	4.1	5.6	-----	10.2	10.5	-----	12.2	13.8	-----
Sepsis	16	31.3	24.0	-----	50.0	32.1	-----	56.3	36.5	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	2.3	-----	0.0	4.8	-----	25.0	7.0	-----
Carotid Endarterectomy	12	0.0	0.8	-----	0.0	1.5	-----	8.3	2.4	-----
Hip Replacement/Reconstruction	62	1.6	2.7	2.4	6.5	5.0	3.0	8.1	6.6	3.5
Open Reduction of Hip Fracture	20	5.0	4.7	-----	10.0	9.0	-----	10.0	12.2	-----
Prostatectomy	42	0.0	0.6	-----	2.4	1.4	-----	2.4	2.3	-----
Cholecystectomy	35	5.7	3.7	-----	5.7	6.5	-----	14.3	8.3	-----
Hysterectomy	19	0.0	0.6	-----	0.0	1.3	-----	0.0	2.1	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

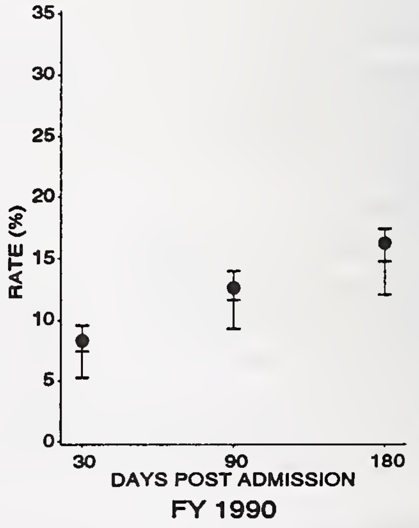
OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988



FY 1989



FY 1990

ST MARYS HOSPITAL MEDICAL CENTER

Medicare Provider Number: 520097

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	75.5 years
Proportion female	55.3 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	54.5 %
Transferred from skilled nursing facility	0.3 %
Admitted for elective procedure	30.0 %
Admitted for emergency	42.5 %

COMORBIDITIES:

Cancer	6.6 %
Chronic cardiovascular disease	27.7 %
Chronic liver disease	1.3 %
Chronic renal disease	1.9 %
Chronic pulmonary disease	11.1 %
Cerebrovascular degeneration	4.9 %
Diabetes mellitus	8.0 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	69.3%
State	28.2%
Outside State	2.5%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	7.3 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	144
Occupancy Rate	54.0 %
Ownership/Control	Church
Medicare Discharges	35.1 %
Case Mix Index (CMI)	1.2223

STAFFING:

Total Number of Physicians	174
Percent of Physicians Board Certified Specialists	60.3 %
Medical Residents/Interns	0
Registered Nurses	137
Licensed Practical Nurses	36

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

ST MARYS HOSPITAL OZAUKEE INC

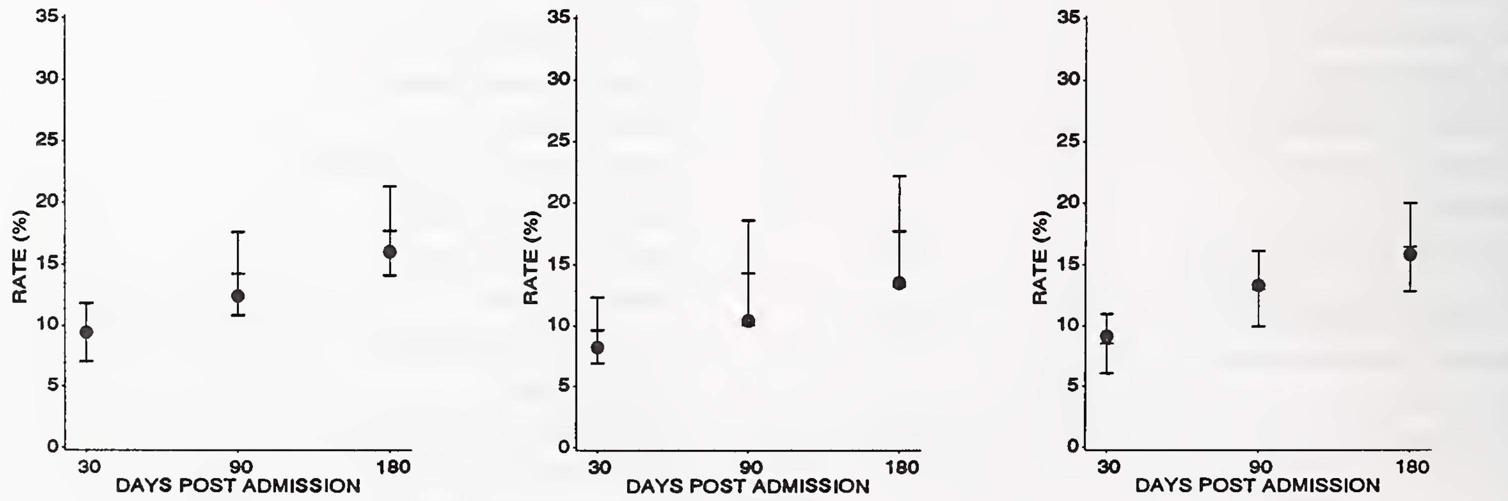
743 NORTH MONTGOMERY STREET
PORT WASHINGTON, WI 53074
Medicare Provider Number: 520027

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	685	9.1	8.5	1.2	13.3	13.0	1.5	15.8	16.4	1.8
CONDITIONS:										
Acute Myocardial Infarction	15	40.0	26.3	-----	40.0	29.0	-----	40.0	31.4	-----
Congestive Heart Failure	31	9.7	14.9	-----	16.1	23.5	-----	25.8	29.8	-----
Pneumonia/Influenza	53	9.4	14.7	9.1	15.1	20.1	10.3	17.0	23.8	9.9
Chronic Obstructive Pulmonary Disease	2	0.0	3.1	-----	0.0	6.3	-----	0.0	10.4	-----
Transient Cerebral Ischemia	13	0.0	1.4	-----	0.0	3.1	-----	0.0	5.0	-----
Stroke	35	20.0	21.3	-----	42.9	27.1	-----	42.9	30.8	-----
Hip Fracture	28	7.1	6.2	-----	14.3	10.8	-----	14.3	14.2	-----
Sepsis	5	20.0	22.6	-----	60.0	27.6	-----	60.0	31.7	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	6	16.7	4.1	-----	16.7	8.1	-----	16.7	11.4	-----
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	15	6.7	4.0	-----	13.3	7.7	-----	13.3	10.3	-----
Open Reduction of Hip Fracture	5	20.0	5.6	-----	20.0	9.2	-----	20.0	12.0	-----
Prostatectomy	20	0.0	0.9	-----	0.0	2.0	-----	0.0	3.4	-----
Cholecystectomy	17	0.0	2.8	-----	0.0	5.3	-----	0.0	6.9	-----
Hysterectomy	3	0.0	1.0	-----	0.0	2.3	-----	0.0	3.5	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

ST MARYS HOSPITAL OZAUKEE INC
Medicare Provider Number: 520027

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	75.8 years
Proportion female	58.1 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	49.8 %
Transferred from skilled nursing facility	0.9 %
Admitted for elective procedure	15.5 %
Admitted for emergency	39.1 %

COMORBIDITIES:	
Cancer	8.5 %
Chronic cardiovascular disease	36.1 %
Chronic liver disease	0.3 %
Chronic renal disease	1.8 %
Chronic pulmonary disease	14.5 %
Cerebrovascular degeneration	9.5 %
Diabetes mellitus	6.3 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	0.1%
State	98.4%
Outside State	1.5%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	7.3 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	114
Occupancy Rate	39.0 %
Ownership/Control	Church
Medicare Discharges	37.3 %
Case Mix Index (CMI)	1.1542
STAFFING:	
Total Number of Physicians	53
Percent of Physicians Board Certified Specialists	66.0 %
Medical Residents/Interns	0
Registered Nurses	74
Licensed Practical Nurses	7

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	Yes
Rehabilitation	No
Psychiatric	Yes
Medicare Swing Beds	No

** Except for CMI

* **Not used in calculating mortality rates**

ST MARYS KEWAUNEE AREA MEMORIAL HOSPITAL

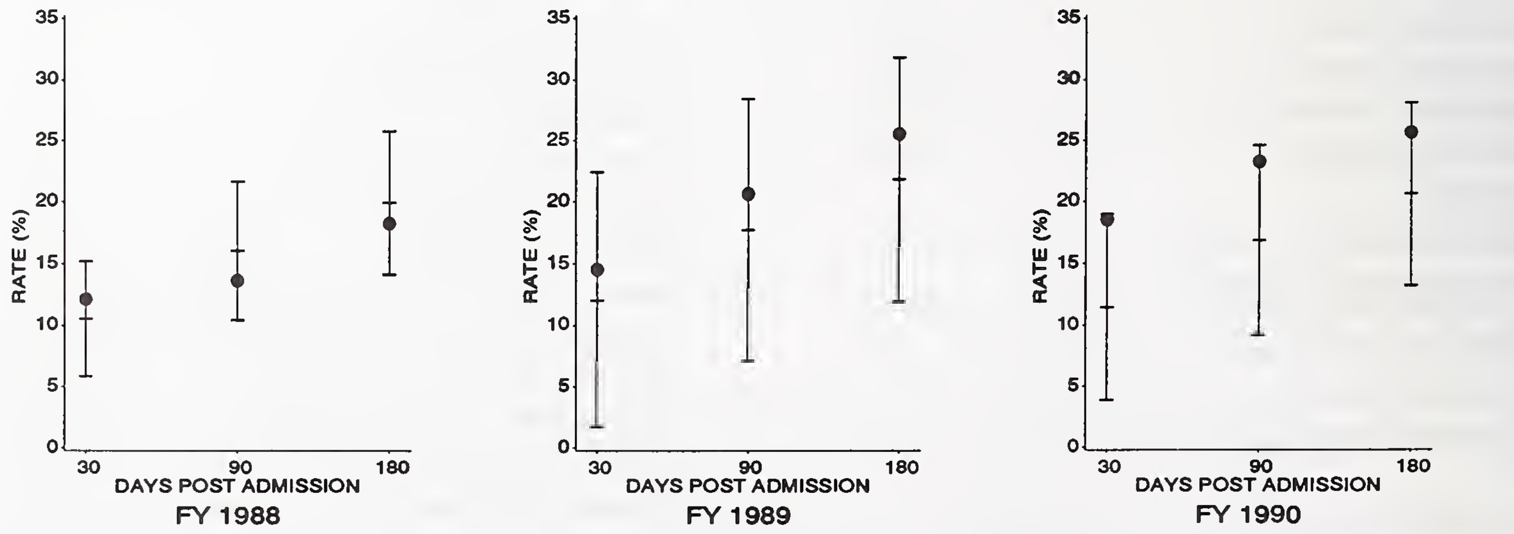
1ST AND LINCOLN STS
KEWAUNEE, WI 54216
Medicare Provider Number: 520111

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	168	18.5	11.4	3.8	23.2	16.8	3.9	25.6	20.6	3.7
CONDITIONS:										
Acute Myocardial Infarction	6	100.0	43.2	-----	100.0	47.6	-----	100.0	51.7	-----
Congestive Heart Failure	17	23.5	17.2	-----	23.5	26.3	-----	35.3	32.1	-----
Pneumonia/Influenza	11	18.2	16.0	-----	36.4	22.3	-----	45.5	26.4	-----
Chronic Obstructive Pulmonary Disease	1	100.0	6.5	-----	100.0	11.9	-----	100.0	15.7	-----
Transient Cerebral Ischemia	3	0.0	1.2	-----	0.0	2.9	-----	0.0	4.9	-----
Stroke	13	46.2	18.0	-----	46.2	24.6	-----	46.2	28.7	-----
Hip Fracture	10	10.0	7.3	-----	10.0	12.5	-----	10.0	16.6	-----
Sepsis	3	33.3	20.4	-----	33.3	31.3	-----	33.3	36.5	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	6	0.0	6.7	-----	0.0	11.9	-----	0.0	16.0	-----
Open Reduction of Hip Fracture	5	20.0	7.0	-----	20.0	12.3	-----	20.0	16.5	-----
Prostatectomy	0									
Cholecystectomy	7	0.0	1.3	-----	0.0	2.4	-----	0.0	3.1	-----
Hysterectomy	1	0.0	1.6	-----	0.0	3.7	-----	0.0	5.5	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



ST MARYS KEWAUNEE AREA MEMORIAL HOSPITAL

Medicare Provider Number: 520111

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	78.7 years
Proportion female	60.7 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	98.8 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	5.4 %
Admitted for emergency	11.3 %

COMORBIDITIES:	
Cancer	11.3 %
Chronic cardiovascular disease	45.8 %
Chronic liver disease	2.4 %
Chronic renal disease	3.6 %
Chronic pulmonary disease	16.7 %
Cerebrovascular degeneration	6.0 %
Diabetes mellitus	8.9 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	86.8%
State	13.2%
Outside State	0.0%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	5.7 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	23
Occupancy Rate	26.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	52.9 %
Case Mix Index (CMI)	1.1077
STAFFING:	
Total Number of Physicians	5
Percent of Physicians Board Certified Specialists	80.0 %
Medical Residents/Interns	0
Registered Nurses	7
Licensed Practical Nurses	6

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

** Except for CMI

* Not used in calculating mortality rates

ST MARYS MEDICAL CENTER INC

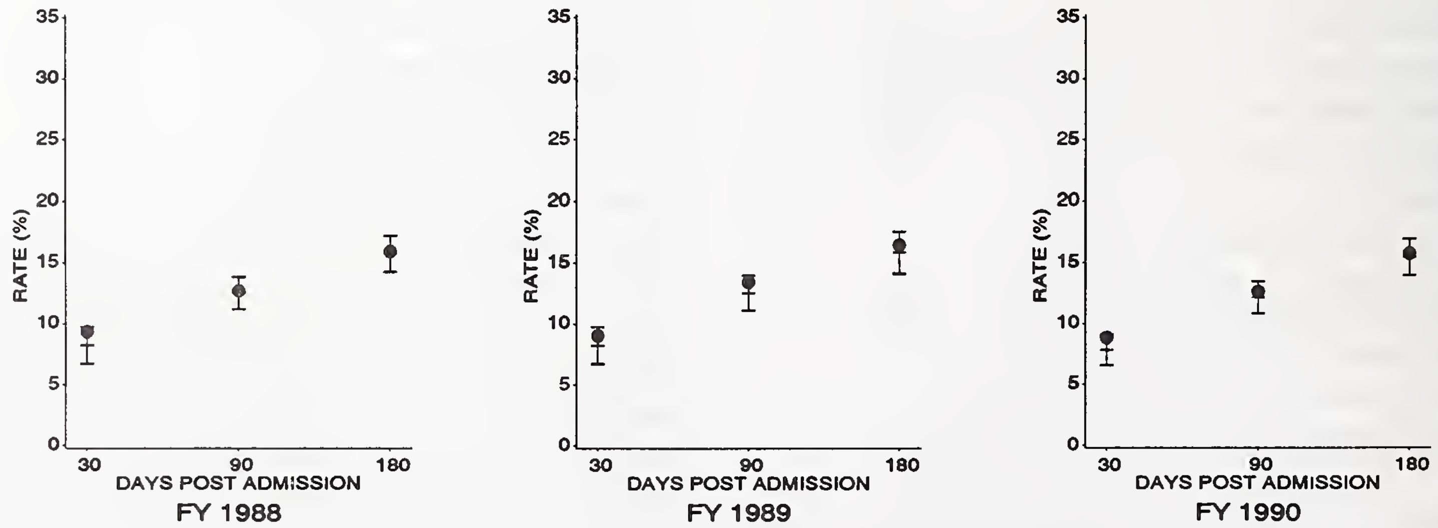
3801 SPRING ST
RACINE, WI 53405
Medicare Provider Number: 520096

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

		MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
CATEGORY	NUMBER OF CASES	OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	2496	8.8	7.8	0.6	12.6	12.1	0.7	15.7	15.4	0.7
CONDITIONS:										
Acute Myocardial Infarction	71	35.2	23.8	6.3	35.2	26.6	6.3	35.2	29.2	6.6
Congestive Heart Failure	160	16.9	12.9	5.1	23.1	20.4	4.6	30.0	26.5	4.6
Pneumonia/Influenza	103	13.6	14.9	3.7	20.4	20.8	4.8	23.3	24.8	4.4
Chronic Obstructive Pulmonary Disease	30	10.0	8.3	-----	20.0	15.1	-----	26.7	20.0	-----
Transient Cerebral Ischemia	36	2.8	2.2	-----	5.6	4.9	-----	5.6	7.8	-----
Stroke	84	19.0	17.7	4.4	22.6	24.6	5.1	27.4	28.5	5.1
Hip Fracture	64	6.3	6.7	3.5	7.8	11.7	5.2	15.6	15.3	4.9
Sepsis	26	15.4	24.5	-----	26.9	32.4	-----	26.9	37.2	-----
PROCEDURES:										
Angioplasty	25	0.0	1.7	-----	0.0	2.5	-----	0.0	3.5	-----
Coronary Artery Bypass Graft	25	0.0	5.5	-----	4.0	7.7	-----	4.0	8.6	-----
Initial Pacemaker Insertion	15	0.0	3.0	-----	6.7	6.4	-----	6.7	9.6	-----
Carotid Endarterectomy	13	0.0	1.5	-----	0.0	2.8	-----	0.0	4.1	-----
Hip Replacement/Reconstruction	45	2.2	2.0	-----	2.2	3.7	-----	4.4	5.2	-----
Open Reduction of Hip Fracture	42	7.1	6.8	-----	9.5	12.0	-----	16.7	15.8	-----
Prostatectomy	104	0.0	1.0	1.3	1.0	2.2	1.7	2.9	3.7	2.2
Cholecystectomy	61	0.0	1.8	2.4	3.3	3.4	3.2	3.3	4.7	3.1
Hysterectomy	6	0.0	0.8	-----	0.0	1.6	-----	0.0	2.6	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



ST MARYS MEDICAL CENTER INC
Medicare Provider Number: 520096

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	74.9 years
Proportion female	54.8 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	48.4 %
Transferred from skilled nursing facility	0.2 %
Admitted for elective procedure	17.6 %
Admitted for emergency	0.1 %

COMORBIDITIES:

Cancer	7.5 %
Chronic cardiovascular disease	40.6 %
Chronic liver disease	0.9 %
Chronic renal disease	1.9 %
Chronic pulmonary disease	12.1 %
Cerebrovascular degeneration	3.9 %
Diabetes mellitus	7.2 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	91.7%
State	6.9%
Outside State	1.4%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	7.9 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: Health Care Financing Administration (OSCAR)** - Survey Year 1990

PROFILE:

Total Beds	220
Ownership/Control	Church
Case Mix Index (CMI)	1.3269

STAFFING:

Medical Residents/Interns	0
Registered Nurses	216
Licensed Practical Nurses	36

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	No
Hospice Care	No
Intensive Care Unit	Yes
Organ Transplant	No
Trauma Center	Yes

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	Yes
Rehabilitation	Yes
Psychiatric	Yes
Medicare Swing Beds	No

** Except for CMI

* Not used in calculating mortality rates

ST MICHAEL HOSPITAL OF MILWAUKEE

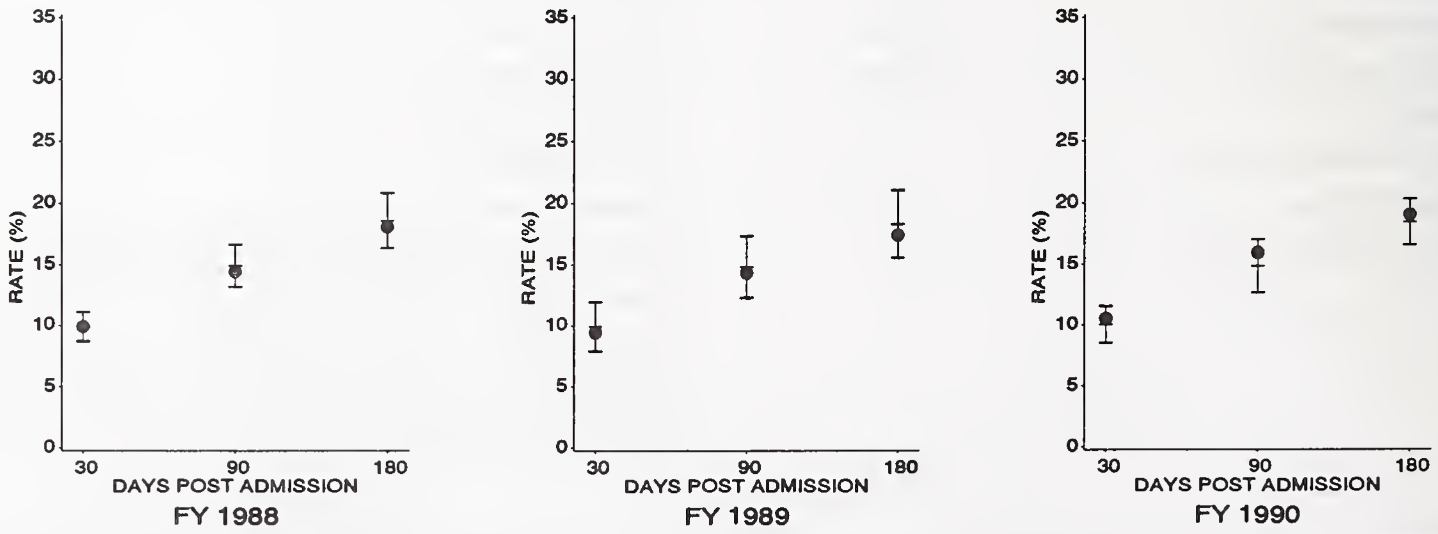
2400 WEST VILLARD AVENUE
MILWAUKEE, WI 53209
Medicare Provider Number: 520040

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD*	90 DAYS OBS	PRED	SD*	180 DAYS OBS	PRED	SD*
ALL CAUSES	2651	10.5	10.0	0.8	15.9	14.8	1.1	19.0	18.4	0.9
CONDITIONS:										
Acute Myocardial Infarction	98	23.5	24.8	5.2	27.6	27.5	6.1	28.6	30.1	5.5
Congestive Heart Failure	152	15.1	13.8	3.1	21.7	21.8	3.4	25.7	27.8	5.2
Pneumonia/Influenza	84	26.2	17.6	6.6	34.5	23.8	8.2	36.9	27.9	8.5
Chronic Obstructive Pulmonary Disease	30	6.7	9.0	-----	10.0	15.4	-----	10.0	20.6	-----
Transient Cerebral Ischemia	36	5.6	1.7	-----	5.6	3.7	-----	5.6	6.1	-----
Stroke	108	20.4	21.9	4.2	26.9	28.5	4.6	29.6	32.2	5.0
Hip Fracture	58	10.3	8.1	6.9	20.7	14.1	6.7	22.4	18.2	6.0
Sepsis	46	26.1	24.7	-----	34.8	31.4	-----	39.1	35.3	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	29	3.4	4.1	-----	10.3	8.0	-----	10.3	11.4	-----
Carotid Endarterectomy	16	0.0	1.2	-----	0.0	2.3	-----	0.0	3.4	-----
Hip Replacement/Reconstruction	52	7.7	5.1	4.1	11.5	9.4	4.4	11.5	12.4	4.7
Open Reduction of Hip Fracture	31	12.9	6.9	-----	25.8	12.3	-----	29.0	16.1	-----
Prostatectomy	112	0.9	1.2	1.1	2.7	2.9	1.8	2.7	4.8	2.6
Cholecystectomy	48	4.2	3.1	-----	6.3	5.8	-----	10.4	7.9	-----
Hysterectomy	17	0.0	0.7	-----	0.0	1.6	-----	0.0	2.6	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



ST MICHAEL HOSPITAL OF MILWAUKEE

Medicare Provider Number: 520040

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	74.0 years
Proportion female	56.4 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	42.9 %
Transferred from skilled nursing facility	0.3 %
Admitted for elective procedure	24.7 %
Admitted for emergency	55.9 %

COMORBIDITIES:	
Cancer	7.9 %
Chronic cardiovascular disease	36.5 %
Chronic liver disease	1.2 %
Chronic renal disease	4.7 %
Chronic pulmonary disease	14.5 %
Cerebrovascular degeneration	3.9 %
Diabetes mellitus	8.7 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	82.5%
State	15.6%
Outside State	1.9%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	8.6 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	208
Occupancy Rate	87.0 %
Ownership/Control	Church
Medicare Discharges	42.0 %
Case Mix Index (CMI)	1.3816
STAFFING:	
Total Number of Physicians	258
Percent of Physicians Board Certified Specialists	70.2 %
Medical Residents/Interns	0
Registered Nurses	246
Licensed Practical Nurses	0

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	Yes
Rehabilitation	No
Psychiatric	Yes
Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

ST MICHAELS HOSPITAL

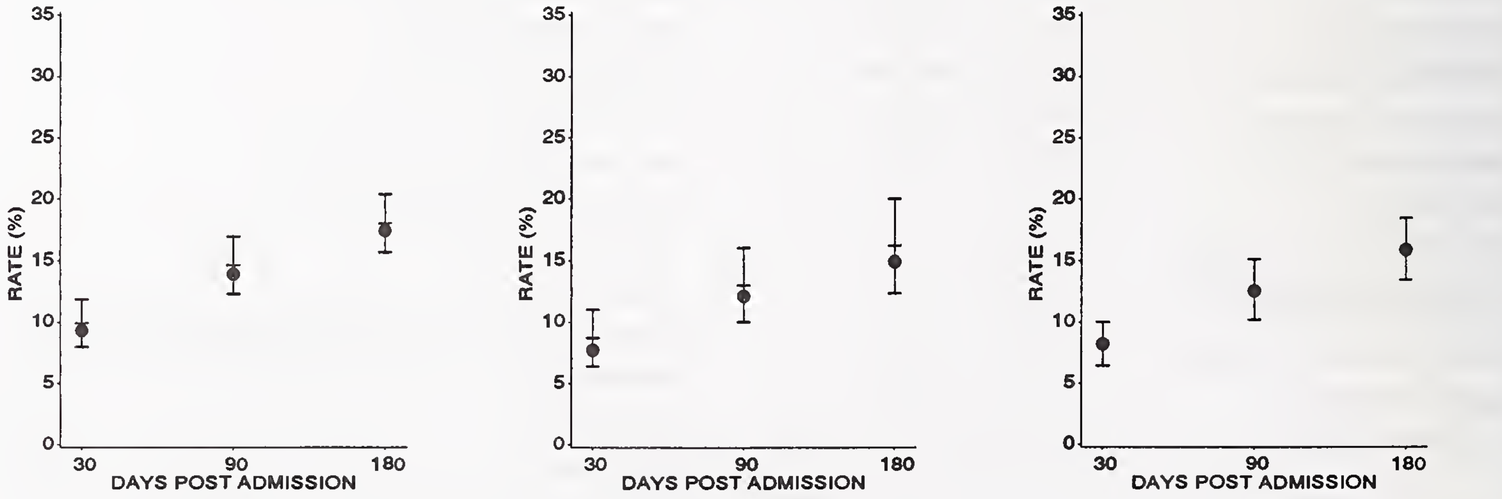
900 ILLINOIS AVENUE
STEVENS POINT, WI 54481
Medicare Provider Number: 520002

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD*	90 DAYS OBS	PRED	SD*	180 DAYS OBS	PRED	SD*
ALL CAUSES	1140	8.2	8.2	0.9	12.5	12.6	1.2	15.8	15.9	1.3
CONDITIONS:										
Acute Myocardial Infarction	42	23.8	23.1	-----	28.6	26.2	-----	31.0	29.1	-----
Congestive Heart Failure	66	13.6	14.3	4.4	22.7	22.8	7.0	27.3	29.0	6.1
Pneumonia/Influenza	42	11.9	16.0	-----	23.8	21.8	-----	28.6	25.8	-----
Chronic Obstructive Pulmonary Disease	7	0.0	6.6	-----	0.0	11.7	-----	28.6	16.1	-----
Transient Cerebral Ischemia	7	0.0	1.1	-----	0.0	2.5	-----	0.0	4.3	-----
Stroke	44	13.6	16.2	-----	18.2	22.5	-----	25.0	26.2	-----
Hip Fracture	48	2.1	6.9	-----	4.2	12.3	-----	6.3	16.0	-----
Sepsis	22	31.8	22.6	-----	36.4	31.5	-----	40.9	36.7	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	6	0.0	7.6	-----	0.0	12.1	-----	16.7	15.5	-----
Carotid Endarterectomy	5	20.0	1.6	-----	20.0	3.0	-----	20.0	4.2	-----
Hip Replacement/Reconstruction	29	0.0	4.3	-----	3.4	7.9	-----	3.4	10.5	-----
Open Reduction of Hip Fracture	25	0.0	6.2	-----	0.0	11.4	-----	4.0	15.1	-----
Prostatectomy	41	0.0	1.0	-----	0.0	2.3	-----	2.4	4.0	-----
Cholecystectomy	28	0.0	2.4	-----	0.0	4.3	-----	0.0	5.7	-----
Hysterectomy	18	0.0	0.2	-----	0.0	0.4	-----	0.0	0.7	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988 FY 1989 FY 1990

ST MICHAELS HOSPITAL

Medicare Provider Number: 520002

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	75.0 years
Proportion female	54.6 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	44.0 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	23.2 %
Admitted for emergency	2.9 %

COMORBIDITIES:	
Cancer	7.0 %
Chronic cardiovascular disease	40.2 %
Chronic liver disease	1.2 %
Chronic renal disease	3.6 %
Chronic pulmonary disease	20.7 %
Cerebrovascular degeneration	5.4 %
Diabetes mellitus	6.9 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	77.6%
State	21.2%
Outside State	1.2%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	7.4 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	133
Occupancy Rate	51.0 %
Ownership/Control	Church
Medicare Discharges	34.5 %
Case Mix Index (CMI)	1.2923
STAFFING:	
Total Number of Physicians	81
Percent of Physicians Board Certified Specialists	66.7 %
Medical Residents/Interns	0
Registered Nurses	113
Licensed Practical Nurses	6

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	No
Rehabilitation	No
Psychiatric	Yes
Medicare Swing Beds	No

** Except for CMI

* Not used in calculating mortality rates

ST NICHOLAS HOSPITAL

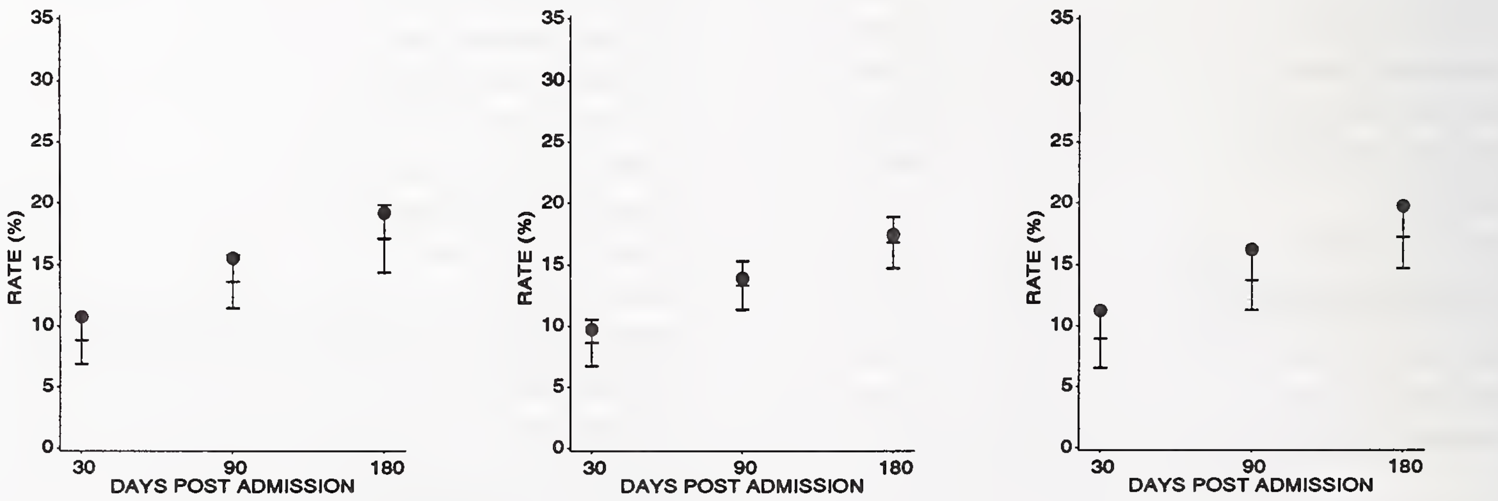
1601 N TAYLOR DR
SHEBOYGAN, WI 53081
Medicare Provider Number: 520044

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	1267	11.2	8.9	1.2	16.2	13.7	1.2	19.7	17.2	1.3
CONDITIONS:										
Acute Myocardial Infarction	40	42.5	27.9	-----	42.5	30.8	-----	42.5	33.5	-----
Congestive Heart Failure	81	9.9	15.3	6.1	22.2	23.9	5.1	29.6	30.3	5.4
Pneumonia/Influenza	57	15.8	16.0	4.9	22.8	21.9	6.1	24.6	25.5	5.8
Chronic Obstructive Pulmonary Disease	9	33.3	8.5	-----	44.4	15.0	-----	44.4	20.1	-----
Transient Cerebral Ischemia	14	7.1	1.9	-----	7.1	4.5	-----	14.3	7.3	-----
Stroke	57	14.0	17.6	9.0	22.8	23.6	10.7	28.1	27.2	9.2
Hip Fracture	32	3.1	6.2	-----	18.8	10.8	-----	25.0	14.3	-----
Sepsis	18	27.8	19.0	-----	27.8	27.1	-----	33.3	31.8	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	12	0.0	4.3	-----	0.0	7.8	-----	0.0	10.6	-----
Carotid Endarterectomy	9	0.0	1.4	-----	0.0	2.6	-----	0.0	3.7	-----
Hip Replacement/Reconstruction	39	2.6	2.6	-----	10.3	4.7	-----	15.4	6.5	-----
Open Reduction of Hip Fracture	15	6.7	4.9	-----	13.3	8.5	-----	13.3	11.2	-----
Prostatectomy	58	1.7	0.8	1.5	3.4	1.9	1.9	3.4	3.4	2.9
Cholecystectomy	37	2.7	1.9	-----	5.4	3.5	-----	8.1	4.5	-----
Hysterectomy	14	0.0	0.7	-----	0.0	1.8	-----	0.0	2.8	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988 FY 1989 FY 1990

ST NICHOLAS HOSPITAL

Medicare Provider Number: 520044

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:		COMORBIDITIES:	
Average age at admission	75.7 years	Cancer	8.9 %
Proportion female	53.0 %	Chronic cardiovascular disease	36.0 %
ADMISSION SOURCES/TYPES:		Chronic liver disease	0.7 %
Referred by personal or HMO physician	55.2 %	Chronic renal disease	3.2 %
Transferred from skilled nursing facility	1.0 %	Chronic pulmonary disease	11.2 %
Admitted for elective procedure	25.2 %	Cerebrovascular degeneration	4.1 %
Admitted for emergency	12.8 %	Diabetes mellitus	9.2 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:		MEDICARE AVERAGE LENGTH OF STAY:	
County/City	91.4%	Hospital	7.1 Days
State	7.1%	State	7.4 Days
Outside State	1.5%	National	8.6 Days
Total	100.0%		

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:		SPECIALTY SERVICES:	
Total Beds	151	Burn Unit	No
Occupancy Rate	43.0 %	Cardiac Intensive Care	No
Ownership/Control	Church	Comprehensive Geriatric	No
Medicare Discharges	41.2 %	Hospice Care	No
Case Mix Index (CMI)	1.3762	Medical/Surgical Intensive Care	Yes
STAFFING:		Organ/Tissue Transplant	Yes
Total Number of Physicians	105	Other Intensive Care	No
Percent of Physicians Board Certified Specialists	77.1 %	Trauma Center	No
		OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Medical Residents/Interns	0	Alcohol/Drug	No
Registered Nurses	120	Rehabilitation	No
Licensed Practical Nurses	19	Psychiatric	No
		Medicare Swing Beds	No

** Except for CMI

* Not used in calculating mortality rates

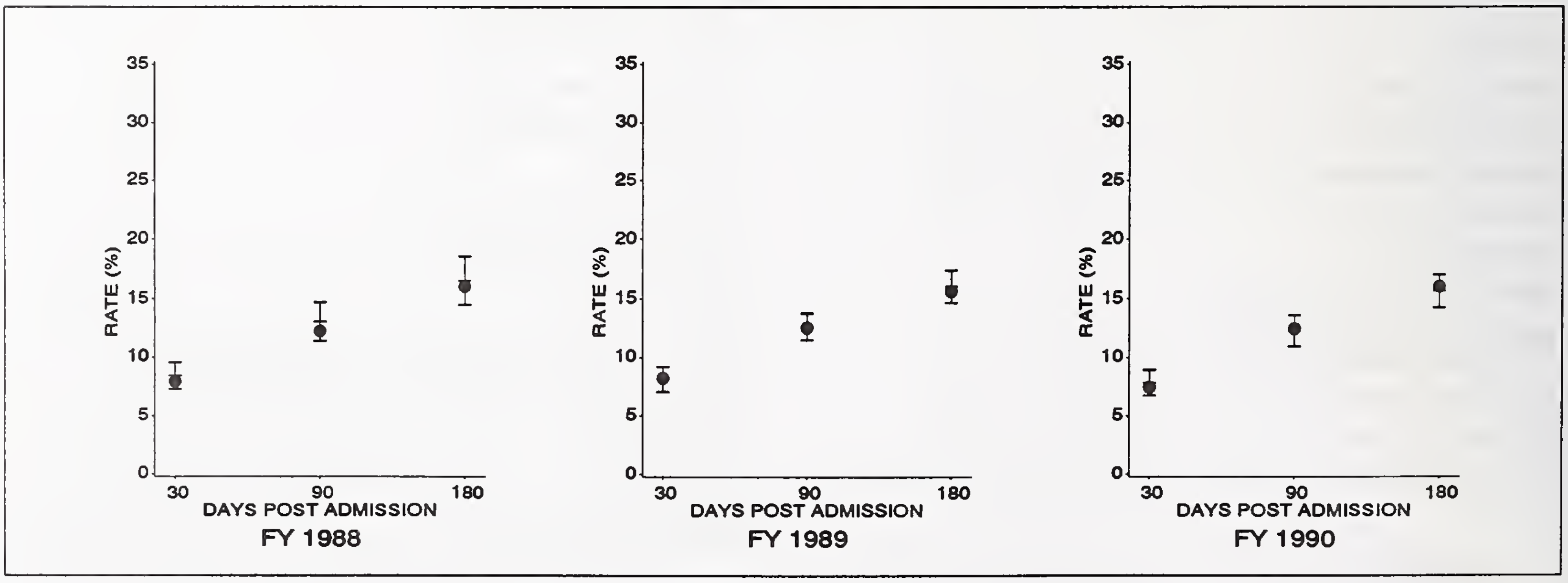
ST VINCENT HOSPITAL
835 S VAN BUREN, BOX 13508
GREEN BAY, WI 54307
Medicare Provider Number: 520075

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	3424	7.4	7.8	0.6	12.4	12.2	0.7	16.0	15.6	0.7
CONDITIONS:										
Acute Myocardial Infarction	92	27.2	25.7	4.7	33.7	28.9	5.8	38.0	31.7	6.3
Congestive Heart Failure	129	9.3	13.6	4.8	23.3	21.4	4.0	27.9	27.5	4.6
Pneumonia/Influenza	101	12.9	14.1	4.5	19.8	19.4	4.4	21.8	23.2	4.5
Chronic Obstructive Pulmonary Disease	30	10.0	7.4	-----	16.7	13.0	-----	26.7	17.8	-----
Transient Cerebral Ischemia	44	4.5	2.0	-----	9.1	4.2	-----	11.4	6.6	-----
Stroke	147	17.0	20.3	3.5	19.0	27.1	4.5	22.4	31.0	4.8
Hip Fracture	94	6.4	6.8	4.4	9.6	12.0	4.0	12.8	15.5	4.6
Sepsis	43	14.0	25.9	-----	18.6	33.5	-----	25.6	38.4	-----
PROCEDURES:										
Angioplasty	2	50.0	6.8	-----	50.0	7.5	-----	50.0	8.5	-----
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	9	0.0	1.4	-----	0.0	3.1	-----	0.0	4.7	-----
Carotid Endarterectomy	37	2.7	1.0	-----	2.7	2.0	-----	2.7	2.9	-----
Hip Replacement/Reconstruction	98	4.1	3.6	2.0	5.1	6.8	2.8	5.1	9.1	3.7
Open Reduction of Hip Fracture	11	0.0	7.7	-----	9.1	13.4	-----	18.2	17.0	-----
Prostatectomy	156	0.0	1.1	1.3	0.6	2.5	2.1	3.8	4.3	1.7
Cholecystectomy	65	1.5	2.9	3.2	1.5	5.0	4.5	3.1	6.4	4.7
Hysterectomy	29	0.0	0.5	-----	0.0	1.2	-----	0.0	2.0	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD)
FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



ST VINCENT HOSPITAL

Medicare Provider Number: 520075

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	74.3 years
Proportion female	53.6 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	48.3 %
Transferred from skilled nursing facility	2.1 %
Admitted for elective procedure	47.2 %
Admitted for emergency	47.1 %

COMORBIDITIES:	
Cancer	9.7 %
Chronic cardiovascular disease	32.7 %
Chronic liver disease	1.0 %
Chronic renal disease	3.7 %
Chronic pulmonary disease	13.0 %
Cerebrovascular degeneration	4.0 %
Diabetes mellitus	6.8 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	61.4%
State	31.1%
Outside State	7.5%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	7.7 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	342
Occupancy Rate	69.0 %
Ownership/Control	Church
Medicare Discharges	35.7 %
Case Mix Index (CMI)	1.3198
STAFFING:	
Total Number of Physicians	317
Percent of Physicians Board Certified Specialists	71.3 %
Medical Residents/Interns	0
Registered Nurses	489
Licensed Practical Nurses	74

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	No
Rehabilitation	Yes
Psychiatric	No
Medicare Swing Beds	No

** Except for CMI

* Not used in calculating mortality rates

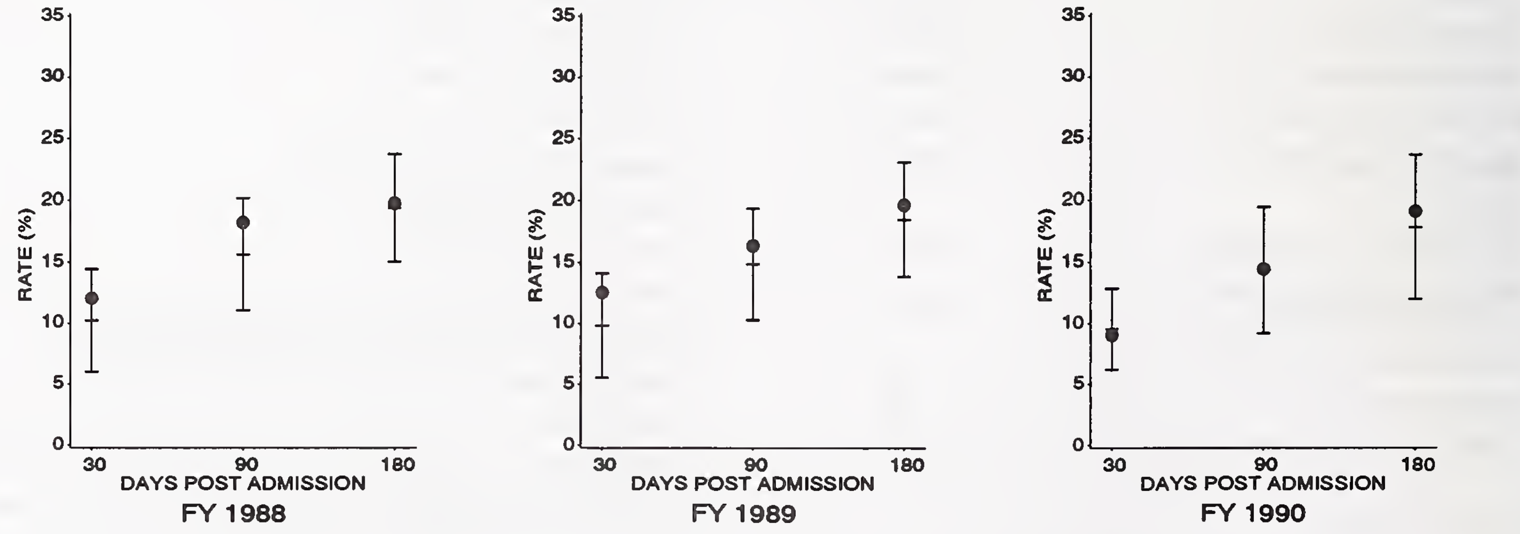
STOUGHTON COMMUNITY HOSPITAL
900 RIDGE STREET
STOUGHTON, WI 53589
Medicare Provider Number: 520014

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	445	9.0	9.5	1.7	14.4	14.3	2.6	19.1	17.8	2.9
CONDITIONS:										
Acute Myocardial Infarction	12	41.7	27.5	-----	50.0	30.6	-----	50.0	33.3	-----
Congestive Heart Failure	29	3.4	15.3	-----	13.8	23.9	-----	17.2	29.9	-----
Pneumonia/Influenza	29	6.9	12.8	-----	13.8	17.8	-----	17.2	21.3	-----
Chronic Obstructive Pulmonary Disease	3	0.0	7.0	-----	0.0	11.8	-----	0.0	15.0	-----
Transient Cerebral Ischemia	7	0.0	1.8	-----	0.0	3.4	-----	0.0	5.0	-----
Stroke	23	13.0	20.8	-----	34.8	27.2	-----	34.8	31.2	-----
Hip Fracture	26	7.7	7.9	-----	7.7	14.1	-----	23.1	18.4	-----
Sepsis	11	27.3	36.7	-----	27.3	47.6	-----	45.5	53.2	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	14	7.1	4.9	-----	7.1	9.1	-----	7.1	11.8	-----
Open Reduction of Hip Fracture	0									
Prostatectomy	9	0.0	0.6	-----	0.0	1.5	-----	0.0	2.8	-----
Cholecystectomy	8	0.0	3.7	-----	0.0	7.8	-----	0.0	11.2	-----
Hysterectomy	5	0.0	1.5	-----	0.0	3.1	-----	0.0	4.6	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

STOUGHTON COMMUNITY HOSPITAL

Medicare Provider Number: 520014

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:		COMORBIDITIES:	
Average age at admission	77.4 years	Cancer	6.3 %
Proportion female	58.2 %	Chronic cardiovascular disease	38.0 %
ADMISSION SOURCES/TYPES:		Chronic liver disease	1.1 %
Referred by personal or HMO physician	29.7 %	Chronic renal disease	1.8 %
Transferred from skilled nursing facility	5.4 %	Chronic pulmonary disease	14.2 %
Admitted for elective procedure	16.6 %	Cerebrovascular degeneration	7.0 %
Admitted for emergency	11.2 %	Diabetes mellitus	6.5 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:		MEDICARE AVERAGE LENGTH OF STAY:	
County/City	73.4%	Hospital	6.2 Days
State	24.4%	State	7.4 Days
Outside State	2.2%	National	8.6 Days
Total	100.0%		

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:		SPECIALTY SERVICES:	
Total Beds	36	Burn Unit	No
Occupancy Rate	50.0 %	Cardiac Intensive Care	No
Ownership.Control	Private, Non-Profit	Comprehensive Geriatric	Yes
Medicare Discharges	50.9 %	Hospice Care	No
Case Mix Index (CMI)	1.1729	Medical/Surgical Intensive Care	Yes
STAFFING:		Organ/Tissue Transplant	No
Total Number of Physicians	33	Other Intensive Care	No
Percent of Physicians Board Certified Specialists	84.8 %	Trauma Center	No
		OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Medical Residents/Interns	0	Alcohol/Drug	Yes
Registered Nurses	38	Rehabilitation	No
Licensed Practical Nurses	1	Psychiatric	No
		Medicare Swing Beds	No

** Except for CMI

* Not used in calculating mortality rates

SUPERIOR MEMORIAL HOSPITAL

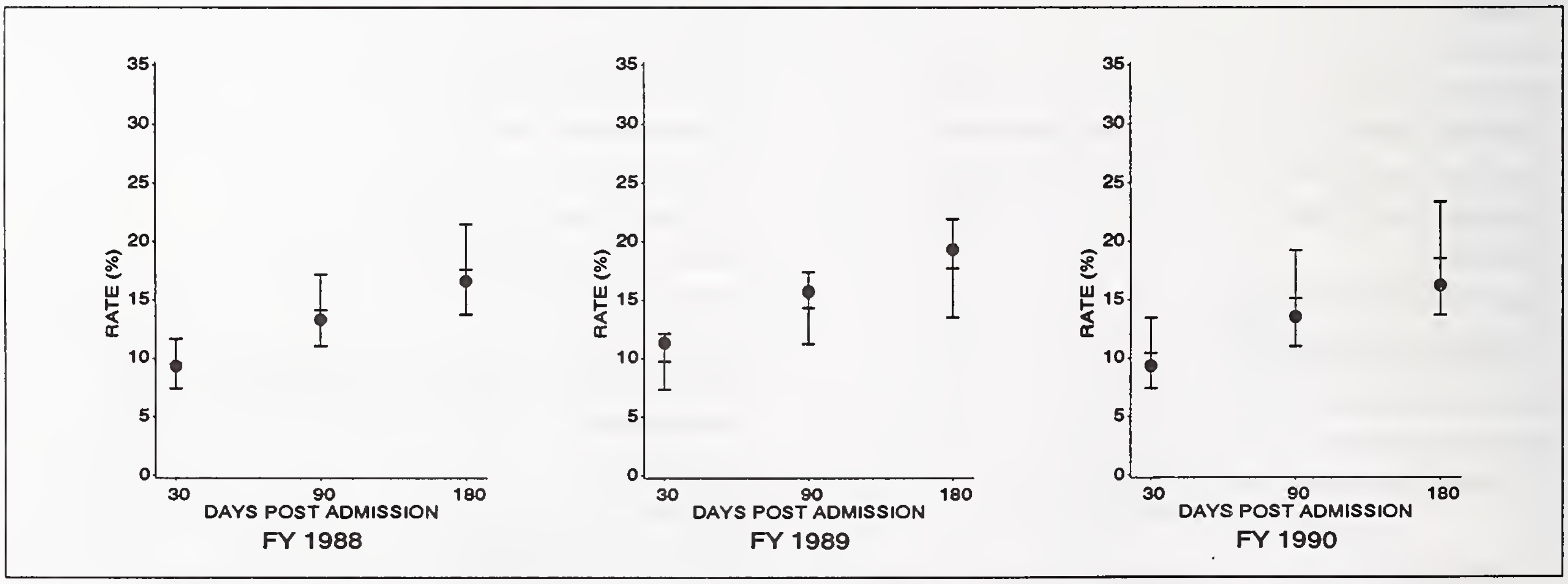
3500 TOWER AVE
SUPERIOR, WI 54880
Medicare Provider Number: 520058

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	666	9.3	10.4	1.5	13.5	15.1	2.1	16.2	18.5	2.4
CONDITIONS:										
Acute Myocardial Infarction	47	21.3	23.3	-----	31.9	27.1	-----	40.4	30.0	-----
Congestive Heart Failure	26	3.8	16.5	-----	11.5	25.0	-----	15.4	31.2	-----
Pneumonia/Influenza	45	13.3	16.3	-----	20.0	22.8	-----	22.2	26.8	-----
Chronic Obstructive Pulmonary Disease	2	0.0	2.9	-----	0.0	6.1	-----	0.0	8.8	-----
Transient Cerebral Ischemia	16	0.0	1.4	-----	6.3	3.6	-----	6.3	6.5	-----
Stroke	40	25.0	22.2	-----	30.0	29.3	-----	30.0	33.1	-----
Hip Fracture	20	10.0	6.9	-----	20.0	12.1	-----	30.0	15.4	-----
Sepsis	9	22.2	28.9	-----	22.2	37.7	-----	22.2	42.2	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	6	16.7	5.6	-----	33.3	9.6	-----	33.3	12.5	-----
Open Reduction of Hip Fracture	11	9.1	5.2	-----	18.2	9.5	-----	27.3	12.5	-----
Prostatectomy	35	0.0	0.8	-----	0.0	1.9	-----	0.0	3.4	-----
Cholecystectomy	4	0.0	1.2	-----	0.0	2.1	-----	0.0	2.7	-----
Hysterectomy	2	0.0	0.4	-----	0.0	0.9	-----	0.0	1.5	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988 FY 1989 FY 1990

SUPERIOR MEMORIAL HOSPITAL
Medicare Provider Number: 520058

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	77.4 years
Proportion female	57.5 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	32.3 %
Transferred from skilled nursing facility	0.3 %
Admitted for elective procedure	1.7 %
Admitted for emergency	47.7 %

COMORBIDITIES:

Cancer	4.2 %
Chronic cardiovascular disease	39.2 %
Chronic liver disease	1.5 %
Chronic renal disease	0.8 %
Chronic pulmonary disease	16.8 %
Cerebrovascular degeneration	5.1 %
Diabetes mellitus	8.7 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	91.4%
State	6.0%
Outside State	2.6%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	6.0 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	55
Occupancy Rate	47.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	50.2 %
Case Mix Index (CMI)	1.1471

STAFFING:

Total Number of Physicians	34
Percent of Physicians Board Certified Specialists	82.4 %
Medical Residents/Interns	0
Registered Nurses	36
Licensed Practical Nurses	18

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

*** Not used in calculating mortality rates**

THE RICHLAND HOSPITAL INC

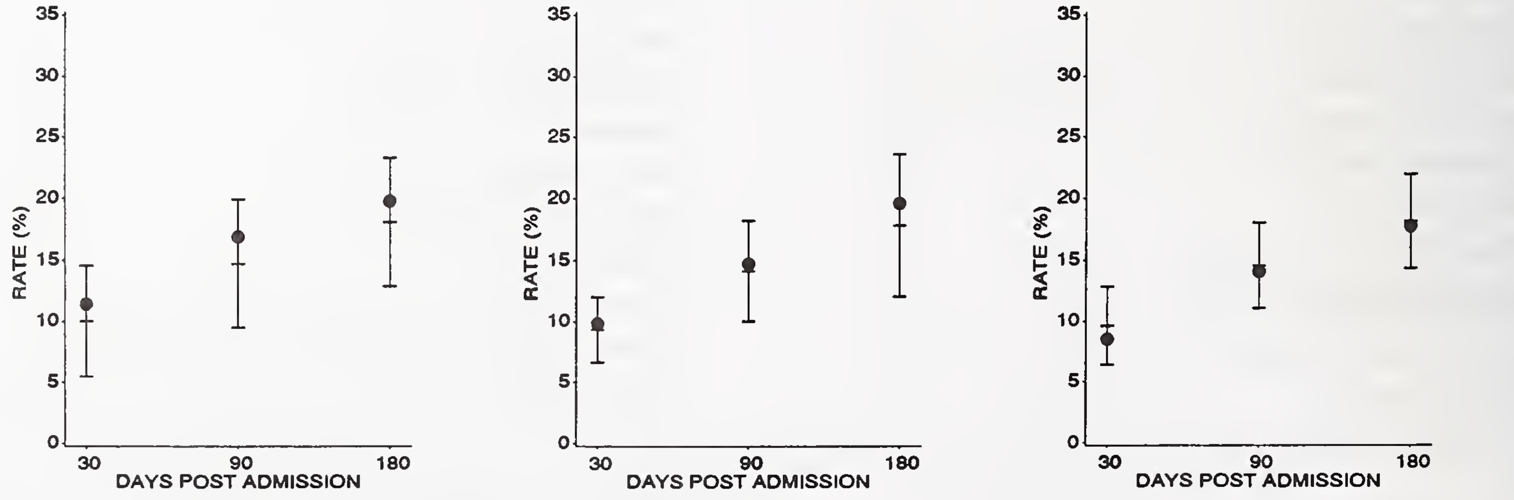
431 N PARK ST
RICHLAND CENTER, WI 53581
Medicare Provider Number: 520117

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	458	8.5	9.6	1.6	14.0	14.5	1.7	17.7	18.1	1.9
CONDITIONS:										
Acute Myocardial Infarction	19	15.8	24.2	-----	26.3	27.2	-----	26.3	30.1	-----
Congestive Heart Failure	34	26.5	15.6	-----	32.4	24.2	-----	41.2	30.6	-----
Pneumonia/Influenza	33	12.1	15.4	-----	21.2	22.5	-----	27.3	26.8	-----
Chronic Obstructive Pulmonary Disease	4	25.0	11.8	-----	25.0	19.5	-----	25.0	25.4	-----
Transient Cerebral Ischemia	5	20.0	1.1	-----	20.0	2.7	-----	20.0	4.5	-----
Stroke	23	8.7	23.1	-----	21.7	29.3	-----	26.1	33.4	-----
Hip Fracture	11	9.1	6.9	-----	9.1	12.1	-----	9.1	15.6	-----
Sepsis	4	0.0	10.1	-----	0.0	13.8	-----	0.0	16.4	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	6	16.7	4.8	-----	16.7	9.2	-----	16.7	12.1	-----
Open Reduction of Hip Fracture	6	0.0	5.5	-----	0.0	9.6	-----	0.0	12.3	-----
Prostatectomy	19	0.0	0.7	-----	5.3	1.6	-----	10.5	2.8	-----
Cholecystectomy	7	0.0	1.2	-----	0.0	2.5	-----	0.0	4.0	-----
Hysterectomy	2	0.0	0.1	-----	0.0	0.2	-----	0.0	0.3	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

THE RICHLAND HOSPITAL INC

Medicare Provider Number: 520117

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	77.4 years
Proportion female	56.8 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	38.4 %
Transferred from skilled nursing facility	5.9 %
Admitted for elective procedure	17.7 %
Admitted for emergency	3.1 %

COMORBIDITIES:	
Cancer	7.0 %
Chronic cardiovascular disease	31.9 %
Chronic liver disease	0.4 %
Chronic renal disease	2.8 %
Chronic pulmonary disease	11.6 %
Cerebrovascular degeneration	3.7 %
Diabetes mellitus	6.1 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	71.4%
State	27.7%
Outside State	0.9%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	6.3 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	41
Occupancy Rate	52.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	47.4 %
Case Mix Index (CMI)	1.0413
STAFFING:	
Total Number of Physicians	12
Percent of Physicians Board Certified Specialists	83.3 %
Medical Residents/Interns	0
Registered Nurses	34
Licensed Practical Nurses	11

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

** Except for CMI

* Not used in calculating mortality rates

THE VERNON MEMORIAL HOSPITAL INC

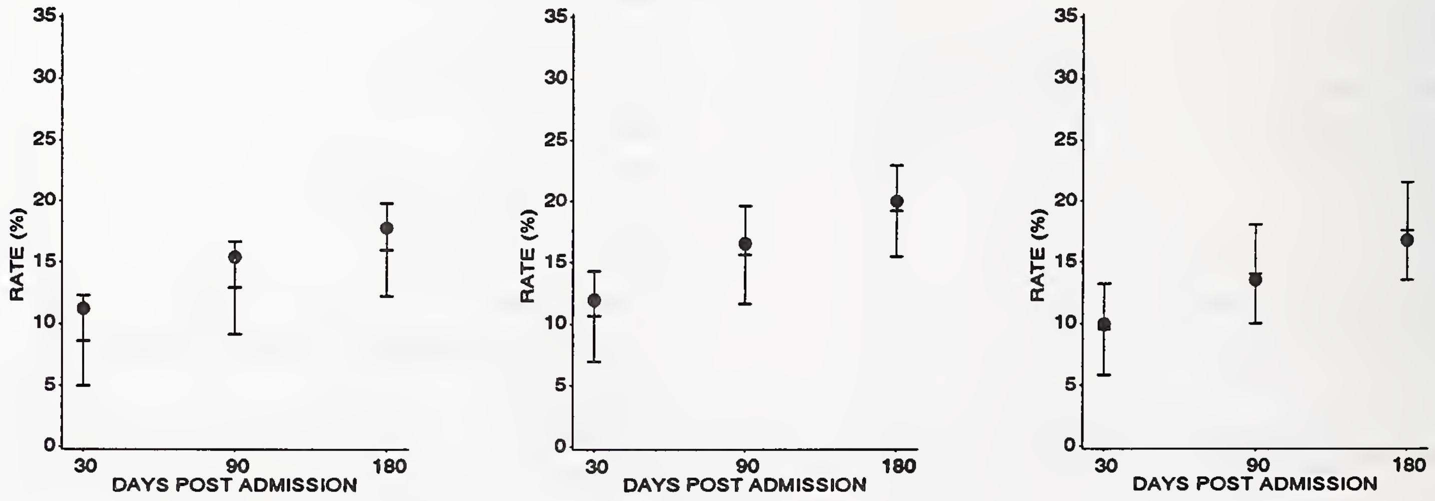
507 SOUTH MAIN STREET
VIROQUA, WI 54665
Medicare Provider Number: 520024

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	474	9.9	9.5	1.9	13.5	14.0	2.0	16.7	17.5	2.0
CONDITIONS:										
Acute Myocardial Infarction	16	43.8	26.9	-----	56.3	30.7	-----	62.5	33.5	-----
Congestive Heart Failure	30	3.3	15.2	-----	6.7	23.1	-----	13.3	28.7	-----
Pneumonia/Influenza	45	4.4	12.2	-----	11.1	16.5	-----	13.3	20.0	-----
Chronic Obstructive Pulmonary Disease	6	33.3	9.0	-----	33.3	14.3	-----	33.3	19.4	-----
Transient Cerebral Ischemia	4	25.0	1.4	-----	25.0	3.4	-----	25.0	5.7	-----
Stroke	19	21.1	20.6	-----	26.3	26.9	-----	26.3	30.7	-----
Hip Fracture	8	0.0	4.8	-----	0.0	9.1	-----	0.0	12.2	-----
Sepsis	2	0.0	35.2	-----	0.0	40.0	-----	0.0	45.3	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	1.2	-----	0.0	2.6	-----	0.0	4.4	-----
Open Reduction of Hip Fracture	6	0.0	4.5	-----	0.0	8.7	-----	0.0	11.9	-----
Prostatectomy	6	0.0	0.8	-----	0.0	2.0	-----	0.0	3.4	-----
Cholecystectomy	8	0.0	2.3	-----	0.0	4.1	-----	0.0	5.2	-----
Hysterectomy	1	0.0	0.0	-----	0.0	0.1	-----	0.0	0.2	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

THE VERNON MEMORIAL HOSPITAL INC
Medicare Provider Number: 520024

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	78.1 years
Proportion female	58.4 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	54.9 %
Transferred from skilled nursing facility	1.7 %
Admitted for elective procedure	13.1 %
Admitted for emergency	3.8 %

COMORBIDITIES:	
Cancer	5.9 %
Chronic cardiovascular disease	32.9 %
Chronic liver disease	0.2 %
Chronic renal disease	2.5 %
Chronic pulmonary disease	13.5 %
Cerebrovascular degeneration	4.4 %
Diabetes mellitus	4.0 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	69.0%
State	30.1%
Outside State	0.9%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	5.2 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	33
Occupancy Rate	66.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	48.9 %
Case Mix Index (CMI)	1.0224
STAFFING:	
Total Number of Physicians	20
Percent of Physicians Board Certified Specialists	70.0 %
Medical Residents/Interns	0
Registered Nurses	21
Licensed Practical Nurses	6

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

** Except for CMI

* Not used in calculating mortality rates

THEDA CLARK MEMORIAL HOSPITAL

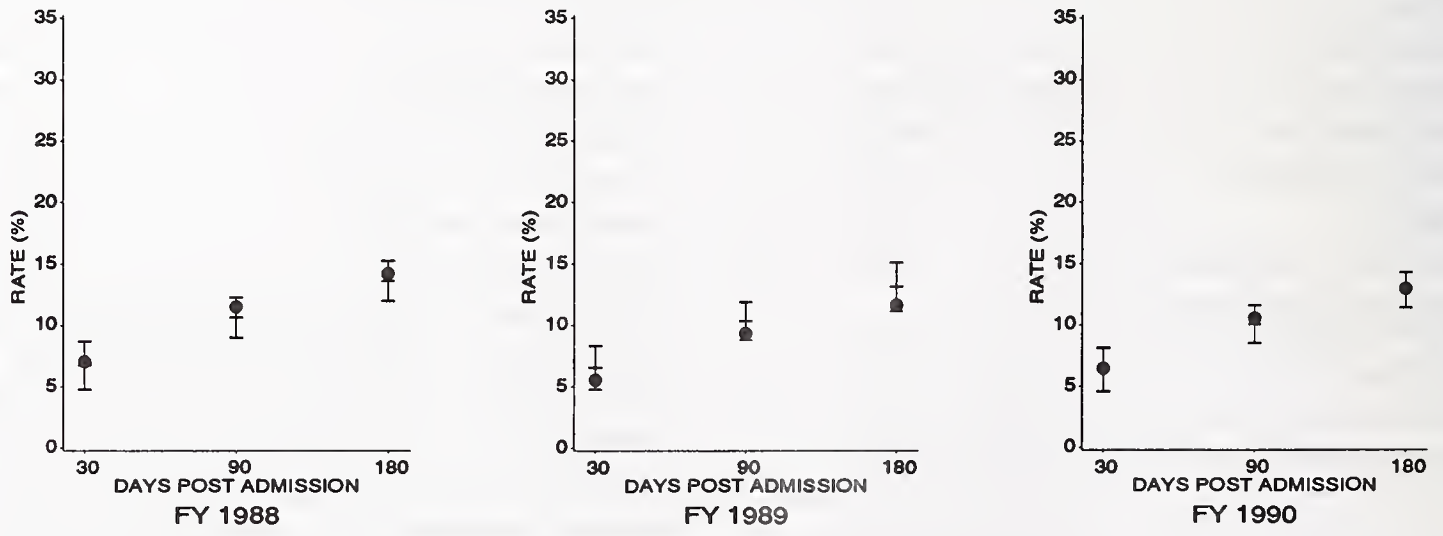
130 2ND ST
NEENAH, WI 54956
Medicare Provider Number: 520045

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	2298	6.4	6.3	0.9	10.5	10.0	0.8	12.9	12.8	0.7
CONDITIONS:										
Acute Myocardial Infarction	70	15.7	24.3	9.3	20.0	27.3	9.8	22.9	29.9	9.4
Congestive Heart Failure	94	9.6	13.3	4.8	14.9	21.2	7.5	20.2	27.2	8.0
Pneumonia/Influenza	57	21.1	12.0	7.3	21.1	16.5	6.9	24.6	20.0	6.9
Chronic Obstructive Pulmonary Disease	16	6.3	6.8	-----	12.5	12.3	-----	12.5	16.8	-----
Transient Cerebral Ischemia	27	0.0	1.6	-----	7.4	3.7	-----	11.1	6.3	-----
Stroke	64	21.9	16.6	7.7	32.8	22.6	9.2	37.5	26.2	9.0
Hip Fracture	39	2.6	6.0	-----	5.1	10.4	-----	7.7	13.7	-----
Sepsis	21	38.1	22.4	-----	38.1	28.8	-----	38.1	33.0	-----
PROCEDURES:										
Angioplasty	52	1.9	3.2	2.7	5.8	4.1	4.0	5.8	4.9	3.5
Coronary Artery Bypass Graft	104	3.8	5.5	3.1	5.8	7.9	3.1	7.7	8.9	2.9
Initial Pacemaker Insertion	21	0.0	3.6	-----	0.0	6.4	-----	0.0	9.1	-----
Carotid Endarterectomy	14	0.0	1.3	-----	0.0	2.7	-----	0.0	3.9	-----
Hip Replacement/Reconstruction	152	0.0	1.2	1.5	0.0	2.1	2.6	0.0	2.9	3.6
Open Reduction of Hip Fracture	10	10.0	5.8	-----	20.0	10.2	-----	20.0	13.6	-----
Prostatectomy	90	1.1	0.9	1.2	3.3	2.1	1.8	3.3	3.6	2.0
Cholecystectomy	44	0.0	2.9	-----	2.3	5.2	-----	2.3	6.8	-----
Hysterectomy	17	0.0	0.5	-----	0.0	1.1	-----	0.0	1.9	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



THEDA CLARK MEMORIAL HOSPITAL

Medicare Provider Number: 520045

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	73.0 years
Proportion female	50.3 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	59.8 %
Transferred from skilled nursing facility	0.2 %
Admitted for elective procedure	37.6 %
Admitted for emergency	0.1 %

COMORBIDITIES:

Cancer	7.0 %
Chronic cardiovascular disease	34.0 %
Chronic liver disease	0.7 %
Chronic renal disease	3.6 %
Chronic pulmonary disease	8.8 %
Cerebrovascular degeneration	3.4 %
Diabetes mellitus	5.6 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	58.0%
State	39.0%
Outside State	3.0%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	8.6 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1989

PROFILE:

Total Beds	308
Occupancy Rate	65.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	33.2 %
Case Mix Index (CMI)	1.6324

STAFFING:

Total Number of Physicians	164
Percent of Physicians Board Certified Specialists	75.6 %
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	Yes
Rehabilitation	Yes
Psychiatric	Yes
Medicare Swing Beds	No

* Not used in calculating mortality rates

TOMAH MEMORIAL HOSPITAL

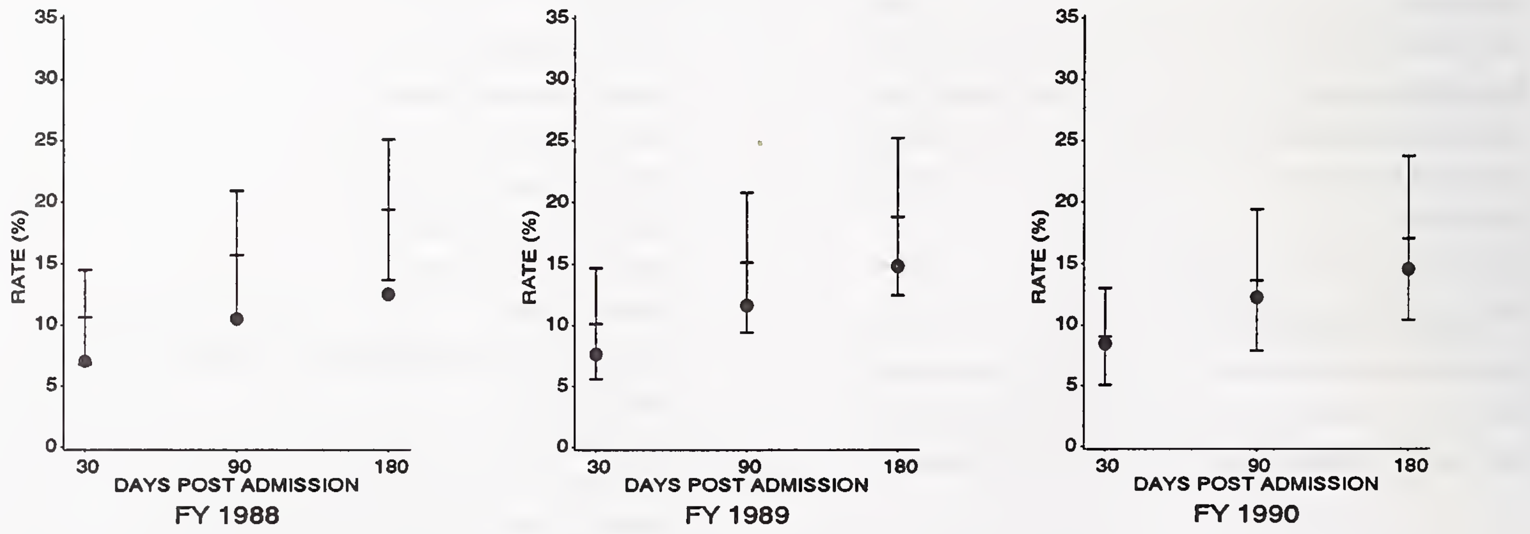
321 BUTTS AVENUE
TOMAH, WI 54660
Medicare Provider Number: 520144

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	345	8.4	9.0	2.0	12.2	13.6	2.9	14.5	17.0	3.3
CONDITIONS:										
Acute Myocardial Infarction	9	22.2	34.5	-----	33.3	37.1	-----	33.3	39.8	-----
Congestive Heart Failure	17	17.6	16.2	-----	29.4	25.3	-----	47.1	32.4	-----
Pneumonia/Influenza	24	8.3	14.6	-----	8.3	19.9	-----	8.3	23.6	-----
Chronic Obstructive Pulmonary Disease	10	10.0	5.2	-----	20.0	10.4	-----	20.0	15.1	-----
Transient Cerebral Ischemia	8	0.0	3.1	-----	0.0	7.2	-----	0.0	11.9	-----
Stroke	20	10.0	18.2	-----	25.0	24.0	-----	25.0	28.0	-----
Hip Fracture	0									
Sepsis	5	20.0	24.6	-----	20.0	33.5	-----	20.0	38.6	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	1	0.0	0.4	-----	0.0	0.8	-----	0.0	1.5	-----
Cholecystectomy	10	0.0	1.4	-----	0.0	2.4	-----	0.0	3.1	-----
Hysterectomy	2	0.0	0.4	-----	0.0	0.8	-----	0.0	1.4	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988 FY 1989 FY 1990

TOMAH MEMORIAL HOSPITAL
Medicare Provider Number: 520144

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	76.3 years
Proportion female	54.8 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	26.1 %
Transferred from skilled nursing facility	3.8 %
Admitted for elective procedure	7.0 %
Admitted for emergency	39.7 %

COMORBIDITIES:	
Cancer	6.1 %
Chronic cardiovascular disease	33.6 %
Chronic liver disease	0.6 %
Chronic renal disease	1.4 %
Chronic pulmonary disease	15.1 %
Cerebrovascular degeneration	3.8 %
Diabetes mellitus	7.0 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	84.9%
State	12.7%
Outside State	2.4%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	4.8 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	45
Occupancy Rate	31.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	43.4 %
Case Mix Index (CMI)	0.9935
STAFFING:	
Total Number of Physicians	10
Percent of Physicians Board Certified Specialists	80.0 %
Medical Residents/Interns	0
Registered Nurses	29
Licensed Practical Nurses	1

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

** Except for CMI

* Not used in calculating mortality rates

TRI-COUNTY MEMORIAL HOSPITAL

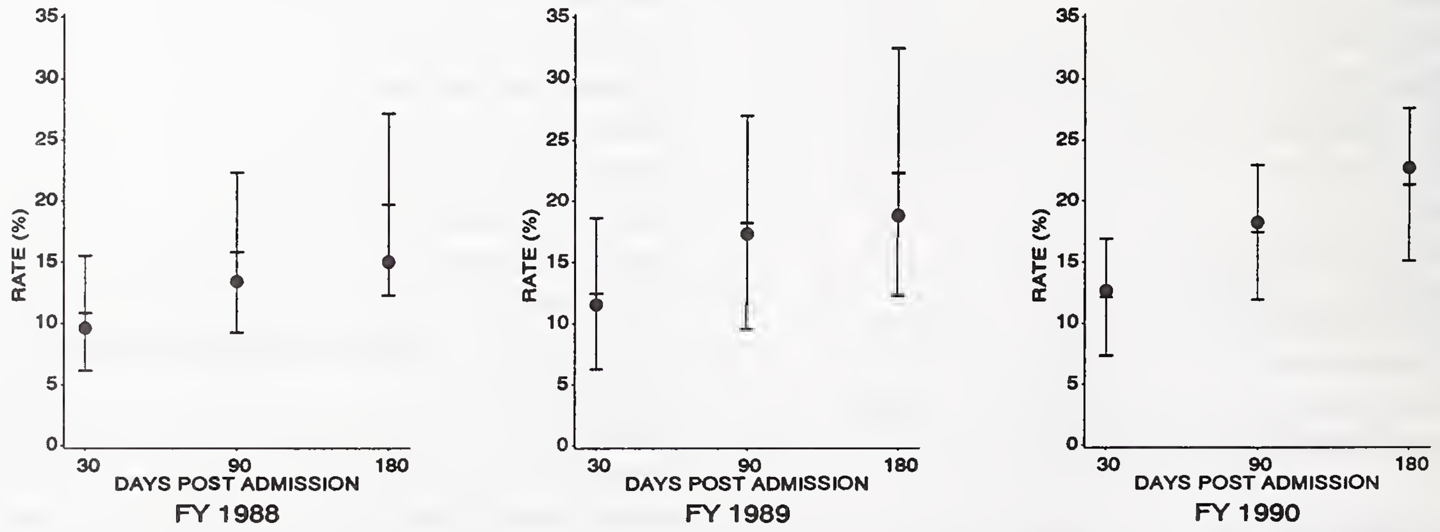
1801 LINCOLN ST
WHITEHALL, WI 54773
Medicare Provider Number: 520122

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD*	90 DAYS OBS	PRED	SD*	180 DAYS OBS	PRED	SD*
ALL CAUSES	198	12.6	12.1	2.4	18.2	17.4	2.8	22.7	21.3	3.1
CONDITIONS:										
Acute Myocardial Infarction	10	60.0	45.2	-----	60.0	49.2	-----	60.0	52.8	-----
Congestive Heart Failure	11	9.1	13.7	-----	9.1	22.0	-----	9.1	28.6	-----
Pneumonia/Influenza	17	23.5	15.7	-----	35.3	22.1	-----	35.3	26.7	-----
Chronic Obstructive Pulmonary Disease	6	0.0	11.9	-----	0.0	20.0	-----	16.7	25.1	-----
Transient Cerebral Ischemia	0									
Stroke	9	22.2	19.7	-----	33.3	28.0	-----	55.6	33.8	-----
Hip Fracture	1	0.0	5.4	-----	0.0	9.7	-----	0.0	13.0	-----
Sepsis	7	14.3	19.6	-----	14.3	27.7	-----	28.6	32.1	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	1	0.0	4.9	-----	0.0	9.1	-----	0.0	12.3	-----
Prostatectomy	0									
Cholecystectomy	2	0.0	0.9	-----	0.0	1.6	-----	0.0	2.0	-----
Hysterectomy	0									

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



TRI-COUNTY MEMORIAL HOSPITAL
Medicare Provider Number: 520122

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:		**COMORBIDITIES:**	
Average age at admission	78.4 years	Cancer	5.1 %
Proportion female	58.1 %	Chronic cardiovascular disease	32.3 %
ADMISSION SOURCES/TYPES:		Chronic liver disease	0.0 %
Referred by personal or HMO physician	34.3 %	Chronic renal disease	2.5 %
Transferred from skilled nursing facility	5.6 %	Chronic pulmonary disease	15.2 %
Admitted for elective procedure	2.5 %	Cerebrovascular degeneration	14.1 %
Admitted for emergency	16.2 %	Diabetes mellitus	1.5 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:		**MEDICARE AVERAGE LENGTH OF STAY:**	
County/City	89.1%	Hospital	4.8 Days
State	9.3%	State	7.4 Days
Outside State	1.6%	National	8.6 Days
Total	100.0%		

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:		**SPECIALTY SERVICES:**	
Total Beds	98	Burn Unit	No
Occupancy Rate	76.0 %	Cardiac Intensive Care	Yes
Ownership.Control	Private, Non-Profit	Comprehensive Geriatric	No
Medicare Discharges	53.2 %	Hospice Care	No
Case Mix Index (CMI)	1.0140	Medical/Surgical Intensive Care	No
STAFFING:		Organ/Tissue Transplant	No
Total Number of Physicians	23	Other Intensive Care	No
Percent of Physicians Board Certified Specialists	100.0 %	Trauma Center	No
Medical Residents/Interns	0	**OTHER SPECIALTY/HOSPITAL-BASED SERVICES:**	
Registered Nurses	13	Alcohol/Drug	No
Licensed Practical Nurses	5	Rehabilitation	No
		Psychiatric	No
		Medicare Swing Beds	Yes

** Except for CMI

* Not used in calculating mortality rates

TRINITY MEMORIAL HOSPITAL

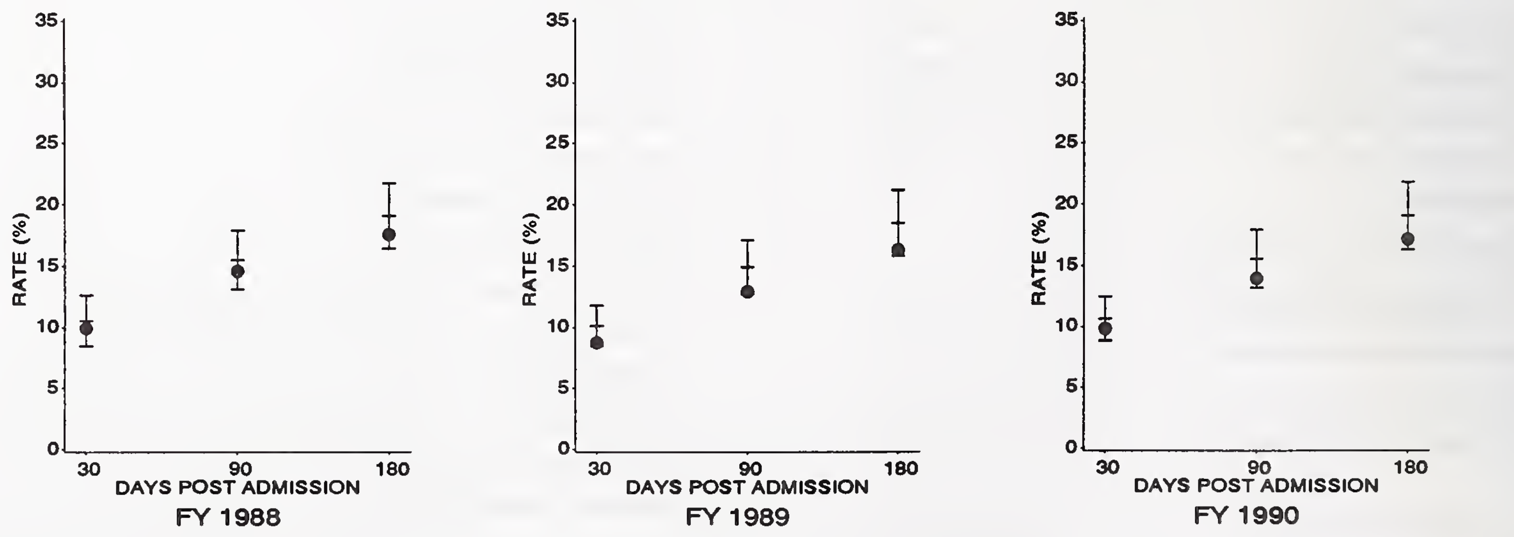
5900 SOUTH LAKE DRIVE
CUDAHY, WI 53110
Medicare Provider Number: 520056

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	1612	9.8	10.6	0.9	13.9	15.5	1.2	17.1	19.0	1.4
CONDITIONS:										
Acute Myocardial Infarction	49	36.7	25.4	-----	36.7	28.9	-----	38.8	32.1	-----
Congestive Heart Failure	88	5.7	12.2	4.9	8.0	19.4	6.0	15.9	24.9	7.4
Pneumonia/Influenza	76	21.1	19.5	7.1	28.9	26.9	6.5	32.9	31.6	6.0
Chronic Obstructive Pulmonary Disease	25	12.0	8.5	-----	16.0	14.4	-----	20.0	19.0	-----
Transient Cerebral Ischemia	40	0.0	1.8	-----	2.5	4.1	-----	2.5	6.5	-----
Stroke	70	15.7	18.2	6.1	20.0	25.1	8.7	25.7	29.1	8.9
Hip Fracture	21	4.8	6.9	-----	9.5	11.5	-----	9.5	14.7	-----
Sepsis	47	17.0	27.5	-----	25.5	34.8	-----	27.7	39.0	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	16	12.5	6.2	-----	12.5	11.5	-----	12.5	15.2	-----
Carotid Endarterectomy	4	0.0	2.2	-----	0.0	3.9	-----	25.0	5.5	-----
Hip Replacement/Reconstruction	20	5.0	3.7	-----	5.0	6.6	-----	5.0	8.9	-----
Open Reduction of Hip Fracture	9	0.0	6.6	-----	0.0	11.5	-----	0.0	14.9	-----
Prostatectomy	34	2.9	1.0	-----	2.9	2.2	-----	5.9	3.7	-----
Cholecystectomy	34	2.9	4.6	-----	5.9	7.6	-----	5.9	9.3	-----
Hysterectomy	17	0.0	0.8	-----	0.0	1.9	-----	0.0	3.2	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



TRINITY MEMORIAL HOSPITAL

Medicare Provider Number: 520056

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	74.9 years
Proportion female	57.7 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	37.7 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	23.8 %
Admitted for emergency	59.2 %

COMORBIDITIES:	
Cancer	7.6 %
Chronic cardiovascular disease	51.8 %
Chronic liver disease	1.2 %
Chronic renal disease	0.9 %
Chronic pulmonary disease	18.5 %
Cerebrovascular degeneration	4.2 %
Diabetes mellitus	9.2 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	94.2%
State	4.3%
Outside State	1.5%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	7.5 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	189
Occupancy Rate	59.0 %
Ownership/Control	Church
Medicare Discharges	47.9 %
Case Mix Index (CMI)	1.2894
STAFFING:	
Total Number of Physicians	97
Percent of Physicians Board Certified Specialists	70.1 %
Medical Residents/Interns	0
Registered Nurses	142
Licensed Practical Nurses	27

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	Yes
Rehabilitation	No
Psychiatric	Yes
Medicare Swing Beds	No

** Except for CMI

* Not used in calculating mortality rates

TWO RIVERS COMMUNITY HOSPITAL

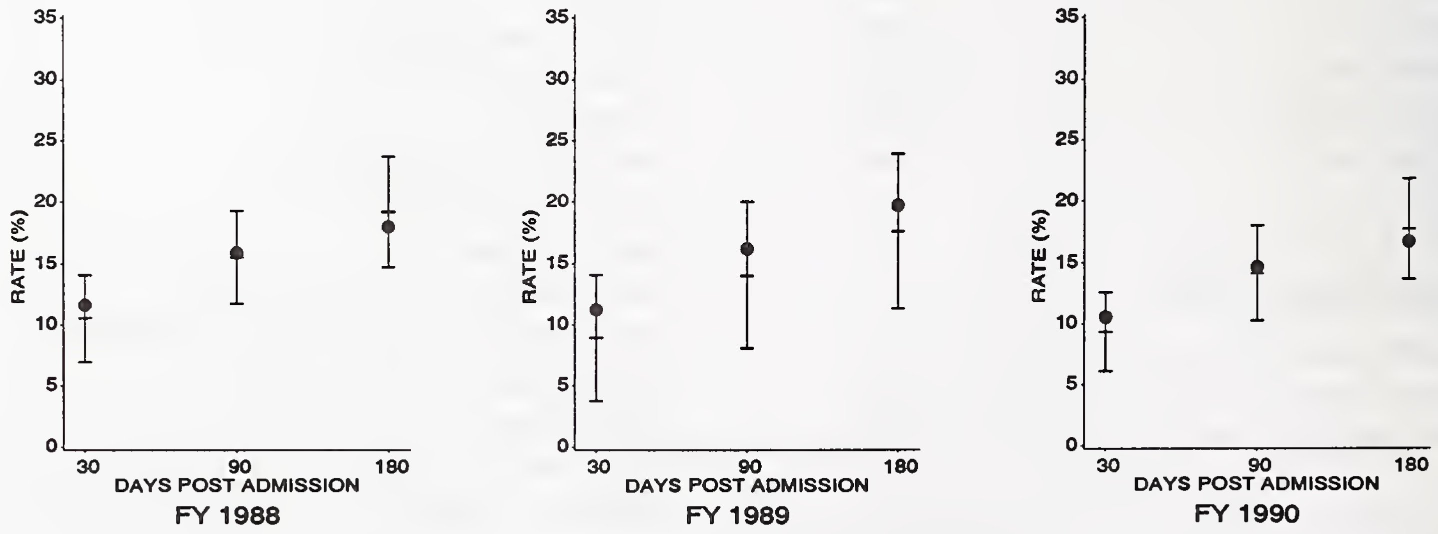
2500 GARFIELD STREET
TWO RIVERS, WI 54241
Medicare Provider Number: 520034

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	371	10.5	9.3	1.6	14.6	14.1	2.0	16.7	17.7	2.0
CONDITIONS:										
Acute Myocardial Infarction	18	22.2	24.6	-----	27.8	27.4	-----	27.8	30.2	-----
Congestive Heart Failure	34	17.6	15.2	-----	23.5	24.4	-----	32.4	30.8	-----
Pneumonia/Influenza	17	23.5	15.5	-----	23.5	22.1	-----	29.4	26.0	-----
Chronic Obstructive Pulmonary Disease	7	0.0	4.9	-----	0.0	8.9	-----	0.0	12.6	-----
Transient Cerebral Ischemia	5	0.0	3.1	-----	0.0	6.6	-----	0.0	10.3	-----
Stroke	15	20.0	15.4	-----	33.3	20.6	-----	33.3	24.0	-----
Hip Fracture	7	0.0	6.4	-----	14.3	11.6	-----	14.3	15.3	-----
Sepsis	6	16.7	18.2	-----	16.7	23.1	-----	33.3	26.7	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	4.5	-----	0.0	8.6	-----	0.0	11.8	-----
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	2.7	-----	0.0	5.7	-----	0.0	8.2	-----
Open Reduction of Hip Fracture	5	0.0	5.3	-----	0.0	9.9	-----	0.0	13.4	-----
Prostatectomy	13	0.0	0.9	-----	0.0	2.2	-----	0.0	3.7	-----
Cholecystectomy	11	0.0	1.7	-----	0.0	3.8	-----	0.0	5.9	-----
Hysterectomy	10	0.0	0.5	-----	0.0	1.2	-----	0.0	1.9	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

TWO RIVERS COMMUNITY HOSPITAL
Medicare Provider Number: 520034

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:		COMORBIDITIES:	
Average age at admission	76.1 years	Cancer	7.8 %
Proportion female	56.3 %	Chronic cardiovascular disease	36.4 %
ADMISSION SOURCES/TYPES:		Chronic liver disease	0.5 %
Referred by personal or HMO physician	70.6 %	Chronic renal disease	3.8 %
Transferred from skilled nursing facility	1.1 %	Chronic pulmonary disease	8.6 %
Admitted for elective procedure	5.1 %	Cerebrovascular degeneration	3.2 %
Admitted for emergency	0.0 %	Diabetes mellitus	7.0 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:		MEDICARE AVERAGE LENGTH OF STAY:	
County/City	93.9%	Hospital	6.0 Days
State	5.5%	State	7.4 Days
Outside State	0.6%	National	8.6 Days
Total	100.0%		

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:		SPECIALTY SERVICES:	
Total Beds	136	Burn Unit	No
Occupancy Rate	77.0 %	Cardiac Intensive Care	No
Ownership.Control	Private, Non-Profit	Comprehensive Geriatric	Yes
Medicare Discharges	30.9 %	Hospice Care	No
Case Mix Index (CMI)	1.1494	Medical/Surgical Intensive Care	Yes
STAFFING:		Organ/Tissue Transplant	No
Total Number of Physicians	19	Other Intensive Care	No
Percent of Physicians Board Certified Specialists	89.5 %	Trauma Center	No
		OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Medical Residents/Interns	0	Alcohol/Drug	No
Registered Nurses	43	Rehabilitation	No
Licensed Practical Nurses	16	Psychiatric	No
		Medicare Swing Beds	Yes

** Except for CMI

* Not used in calculating mortality rates

UNIVERSITY OF WISC HOSPITAL AND CLINICS

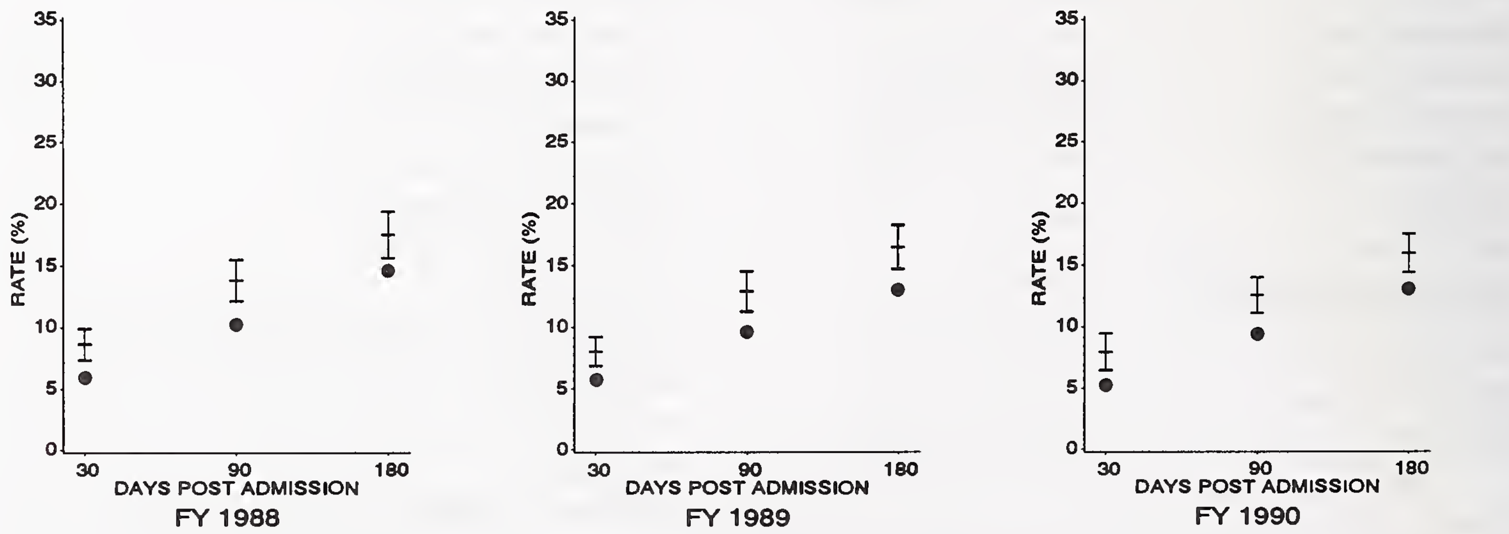
600 HIGHLAND AVE
MADISON, WI 53792
Medicare Provider Number: 520098

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD*	90 DAYS OBS	PRED	SD*	180 DAYS OBS	PRED	SD*
ALL CAUSES	2623	5.2	7.9	0.8	9.3	12.5	0.7	13.0	15.9	0.8
CONDITIONS:										
Acute Myocardial Infarction	47	14.9	26.3	-----	19.1	28.9	-----	19.1	31.5	-----
Congestive Heart Failure	41	9.8	13.2	-----	24.4	21.2	-----	31.7	27.3	-----
Pneumonia/Influenza	41	12.2	15.3	-----	17.1	21.4	-----	22.0	25.4	-----
Chronic Obstructive Pulmonary Disease	24	0.0	8.2	-----	16.7	13.9	-----	16.7	18.5	-----
Transient Cerebral Ischemia	15	0.0	2.0	-----	0.0	3.9	-----	0.0	5.6	-----
Stroke	41	22.0	19.9	-----	31.7	25.7	-----	31.7	29.4	-----
Hip Fracture	25	0.0	4.5	-----	4.0	7.9	-----	8.0	10.4	-----
Sepsis	4	50.0	27.4	-----	50.0	37.2	-----	50.0	43.0	-----
PROCEDURES:										
Angioplasty	34	5.9	4.3	-----	5.9	5.1	-----	5.9	5.9	-----
Coronary Artery Bypass Graft	73	9.6	7.8	3.6	12.3	11.3	3.9	13.7	12.8	4.0
Initial Pacemaker Insertion	12	0.0	1.5	-----	0.0	3.0	-----	0.0	4.8	-----
Carotid Endarterectomy	17	0.0	1.9	-----	0.0	3.3	-----	5.9	4.7	-----
Hip Replacement/Reconstruction	43	0.0	1.9	-----	4.7	3.9	-----	4.7	5.7	-----
Open Reduction of Hip Fracture	9	0.0	3.6	-----	0.0	6.2	-----	0.0	8.3	-----
Prostatectomy	41	2.4	1.2	-----	2.4	2.7	-----	4.9	4.6	-----
Cholecystectomy	34	2.9	4.4	-----	2.9	8.9	-----	5.9	12.3	-----
Hysterectomy	20	0.0	0.8	-----	0.0	1.9	-----	0.0	3.1	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



UNIVERSITY OF WISC HOSPITAL AND CLINICS

Medicare Provider Number: 520098

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	65.8 years
Proportion female	48.7 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	9.1 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	34.8 %
Admitted for emergency	8.9 %

COMORBIDITIES:	
Cancer	11.1 %
Chronic cardiovascular disease	29.4 %
Chronic liver disease	0.9 %
Chronic renal disease	7.7 %
Chronic pulmonary disease	8.6 %
Cerebrovascular degeneration	3.5 %
Diabetes mellitus	10.0 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	26.5%
State	56.5%
Outside State	17.0%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	9.3 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	488
Occupancy Rate	74.0 %
Ownership/Control	State Government
Medicare Discharges	30.4 %
Case Mix Index (CMI)	1.6124
STAFFING:	
Total Number of Physicians	536
Percent of Physicians Board Certified Specialists	79.1 %
Medical Residents/Interns	338
Registered Nurses	789
Licensed Practical Nurses	10

SPECIALTY SERVICES:	
Burn Unit	Yes
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	Yes
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	No
Rehabilitation	Yes
Psychiatric	Yes
Medicare Swing Beds	No

** Except for CMI

* Not used in calculating mortality rates

VA HOSPITAL

2500 OVERLOOK TERRACE
MADISON, WI 53705
Medicare Provider Number: 52004F

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	1	0.0	27.1	-----	0.0	33.7	-----	0.0	37.1	-----
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	0									
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES

No Graphs are presented when the standard deviation
was not computed for one or more of the three fiscal years,
(1988, 1989, or 1990)

VA HOSPITAL

Medicare Provider Number: 52004F

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	80.0 years
Proportion female	100.0 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	0.0 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	0.0 %
Admitted for emergency	0.0 %

COMORBIDITIES:

Cancer	0.0 %
Chronic cardiovascular disease	0.0 %
Chronic liver disease	0.0 %
Chronic renal disease	0.0 %
Chronic pulmonary disease	0.0 %
Cerebrovascular degeneration	0.0 %
Diabetes mellitus	0.0 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	0.0%
State	100.0%
Outside State	0.0%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	3.0 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: Health Care Financing Administration (OSCAR)** - Survey Year Unknown

PROFILE:

Total Beds	475
Ownership/Control	(Not Available)
Case Mix Index (CMI)	0.0000

STAFFING:

Medical Residents/Interns	0
Registered Nurses	0
Licensed Practical Nurses	0

SPECIALTY SERVICES:

Burn Unit	Yes
Coronary Care Unit	Yes
Hospice Care	Yes
Intensive Care Unit	Yes
Organ Transplant	Yes
Trauma Center	Yes

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	Yes
Rehabilitation	Yes
Psychiatric	Yes
Medicare Swing Beds	N/A

** Except for CMI

* Not used in calculating mortality rates

VALLEY VIEW MEDICAL CENTER

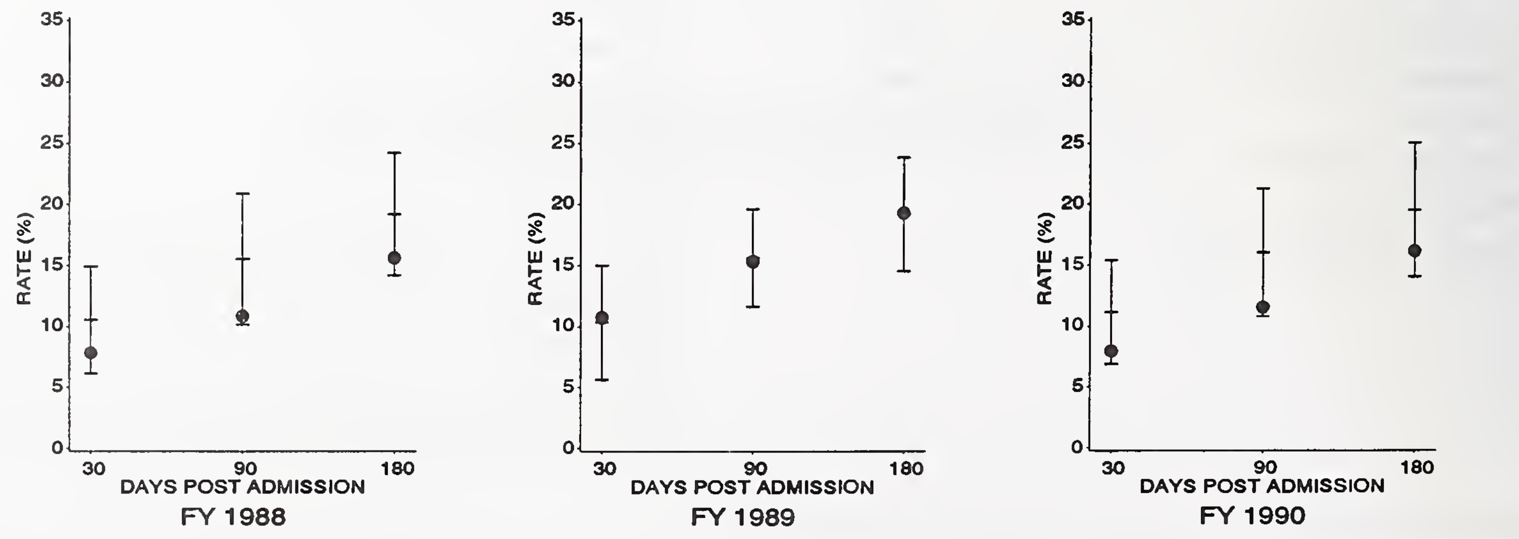
901 REED STREET
PLYMOUTH, WI 53073
Medicare Provider Number: 520132

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	305	7.9	11.1	2.1	11.5	16.0	2.6	16.1	19.5	2.8
CONDITIONS:										
Acute Myocardial Infarction	18	5.6	29.2	-----	22.2	34.5	-----	22.2	38.7	-----
Congestive Heart Failure	16	0.0	13.8	-----	6.3	21.8	-----	6.3	28.0	-----
Pneumonia/Influenza	27	11.1	11.5	-----	11.1	15.8	-----	22.2	18.5	-----
Chronic Obstructive Pulmonary Disease	3	0.0	5.6	-----	0.0	11.0	-----	0.0	15.9	-----
Transient Cerebral Ischemia	5	0.0	1.5	-----	0.0	3.2	-----	0.0	5.2	-----
Stroke	25	8.0	19.6	-----	12.0	25.4	-----	16.0	29.2	-----
Hip Fracture	11	0.0	8.8	-----	0.0	15.2	-----	9.1	19.8	-----
Sepsis	6	16.7	24.3	-----	16.7	32.0	-----	16.7	35.6	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	0.0	7.1	-----	0.0	13.0	-----	0.0	18.1	-----
Open Reduction of Hip Fracture	6	0.0	9.4	-----	0.0	16.4	-----	16.7	21.3	-----
Prostatectomy	4	0.0	0.4	-----	0.0	1.0	-----	0.0	1.8	-----
Cholecystectomy	4	0.0	5.2	-----	0.0	10.5	-----	0.0	14.1	-----
Hysterectomy	7	0.0	0.8	-----	0.0	1.8	-----	0.0	2.8	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



VALLEY VIEW MEDICAL CENTER
Medicare Provider Number: 520132

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	77.0 years
Proportion female	52.1 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	52.8 %
Transferred from skilled nursing facility	0.7 %
Admitted for elective procedure	9.2 %
Admitted for emergency	1.0 %

COMORBIDITIES:	
Cancer	7.5 %
Chronic cardiovascular disease	41.3 %
Chronic liver disease	0.7 %
Chronic renal disease	2.6 %
Chronic pulmonary disease	13.4 %
Cerebrovascular degeneration	5.2 %
Diabetes mellitus	5.2 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	93.4%
State	5.2%
Outside State	1.4%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	5.4 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	108
Occupancy Rate	65.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	41.7 %
Case Mix Index (CMI)	1.2144
STAFFING:	
Total Number of Physicians	10
Percent of Physicians Board Certified Specialists	50.0 %
Medical Residents/Interns	0
Registered Nurses	26
Licensed Practical Nurses	9

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

** Except for CMI

* Not used in calculating mortality rates

VICTORY MEMORIAL HOSPITAL

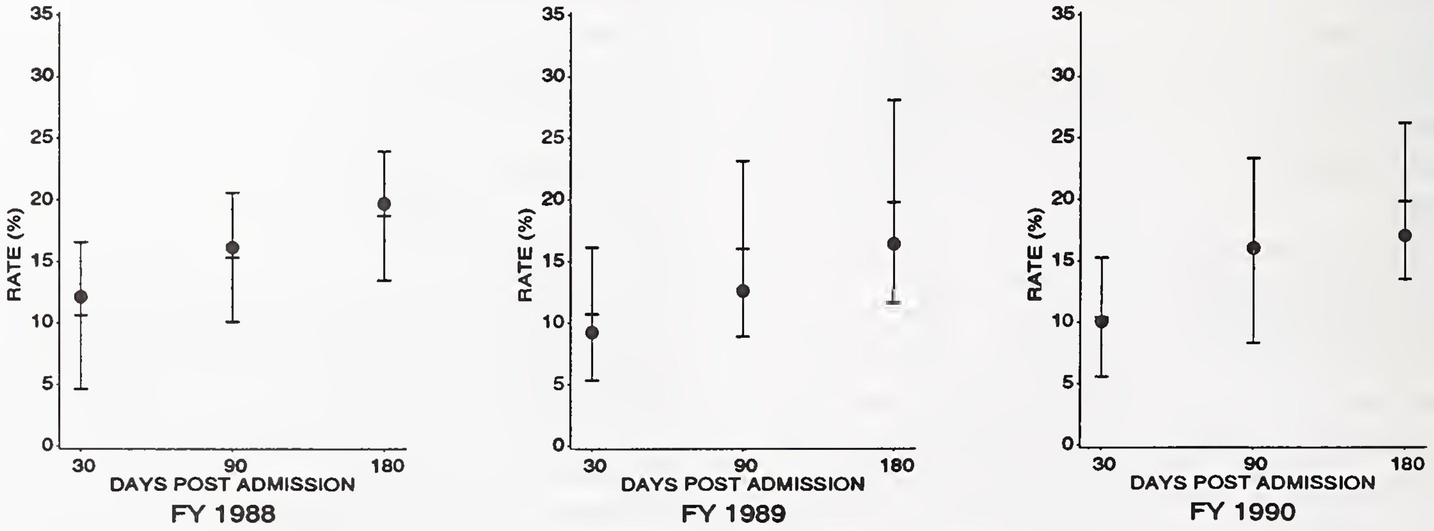
230 E 4TH AVENUE
STANLEY, WI 54768
Medicare Provider Number: 520007

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	200	10.0	10.4	2.4	16.0	15.8	3.8	17.0	19.8	3.2
CONDITIONS:										
Acute Myocardial Infarction	9	0.0	30.8	-----	0.0	34.5	-----	0.0	37.4	-----
Congestive Heart Failure	17	5.9	16.5	-----	5.9	25.1	-----	11.8	32.0	-----
Pneumonia/Influenza	11	18.2	20.1	-----	36.4	28.2	-----	36.4	33.3	-----
Chronic Obstructive Pulmonary Disease	4	0.0	7.0	-----	25.0	11.9	-----	25.0	16.4	-----
Transient Cerebral Ischemia	6	16.7	1.8	-----	16.7	3.8	-----	16.7	6.3	-----
Stroke	9	11.1	18.0	-----	11.1	24.1	-----	11.1	28.3	-----
Hip Fracture	0									
Sepsis	4	25.0	33.3	-----	25.0	43.7	-----	25.0	49.6	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	4	0.0	1.9	-----	25.0	4.6	-----	25.0	7.9	-----
Cholecystectomy	9	0.0	2.2	-----	0.0	3.6	-----	0.0	4.6	-----
Hysterectomy	0									

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

VICTORY MEMORIAL HOSPITAL

Medicare Provider Number: 520007

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	76.7 years
Proportion female	47.0 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	47.0 %
Transferred from skilled nursing facility	0.5 %
Admitted for elective procedure	0.0 %
Admitted for emergency	14.5 %

COMORBIDITIES:	
Cancer	8.5 %
Chronic cardiovascular disease	48.5 %
Chronic liver disease	1.0 %
Chronic renal disease	0.5 %
Chronic pulmonary disease	18.0 %
Cerebrovascular degeneration	5.5 %
Diabetes mellitus	15.5 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	46.9%
State	51.7%
Outside State	1.4%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	5.9 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	127
Occupancy Rate	68.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	43.0 %
Case Mix Index (CMI)	1.1214
STAFFING:	
Total Number of Physicians	9
Percent of Physicians Board Certified Specialists	66.7 %
Medical Residents/Interns	0
Registered Nurses	24
Licensed Practical Nurses	4

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

** Except for CMI

*** Not used in calculating mortality rates**

WATERTOWN MEMORIAL HOSPITAL

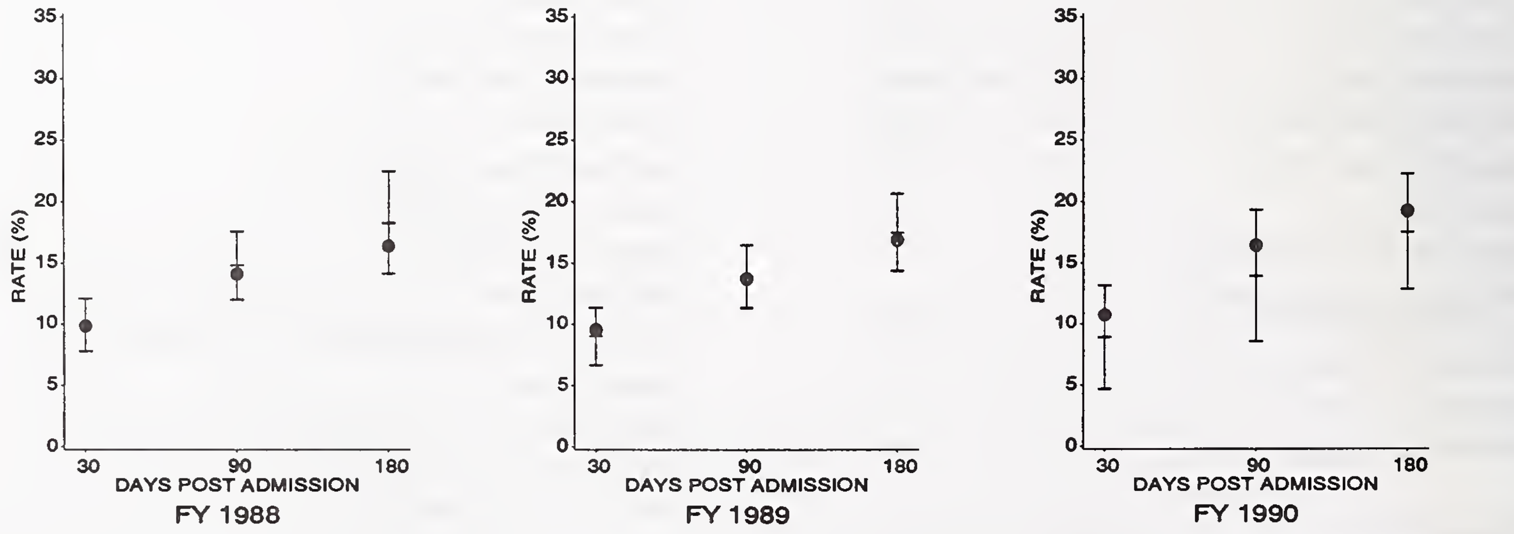
125 HOSPITAL DRIVE
WATERTOWN, WI 53094
Medicare Provider Number: 520116

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	719	10.7	8.9	2.1	16.4	13.9	2.7	19.2	17.5	2.4
CONDITIONS:										
Acute Myocardial Infarction	24	54.2	29.7	-----	54.2	33.8	-----	62.5	36.9	-----
Congestive Heart Failure	47	19.1	15.0	-----	29.8	23.5	-----	36.2	29.5	-----
Pneumonia/Influenza	31	6.5	12.5	-----	12.9	17.2	-----	16.1	20.6	-----
Chronic Obstructive Pulmonary Disease	7	14.3	10.2	-----	14.3	18.5	-----	14.3	24.1	-----
Transient Cerebral Ischemia	14	7.1	2.2	-----	14.3	5.1	-----	14.3	8.2	-----
Stroke	30	26.7	20.1	-----	30.0	27.2	-----	40.0	31.4	-----
Hip Fracture	30	10.0	6.5	-----	16.7	11.2	-----	16.7	14.5	-----
Sepsis	2	0.0	17.5	-----	0.0	32.4	-----	0.0	41.1	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	1.4	-----	50.0	3.0	-----	50.0	5.1	-----
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	15	20.0	3.8	-----	20.0	7.2	-----	20.0	9.8	-----
Open Reduction of Hip Fracture	18	0.0	6.4	-----	11.1	11.3	-----	11.1	15.0	-----
Prostatectomy	27	0.0	0.7	-----	0.0	1.6	-----	0.0	2.8	-----
Cholecystectomy	17	0.0	1.4	-----	0.0	2.8	-----	0.0	4.1	-----
Hysterectomy	6	0.0	0.1	-----	0.0	0.2	-----	0.0	0.4	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988 FY 1989 FY 1990

WATERTOWN MEMORIAL HOSPITAL
Medicare Provider Number: 520116

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	76.6 years
Proportion female	55.2 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	84.3 %
Transferred from skilled nursing facility	9.6 %
Admitted for elective procedure	14.9 %
Admitted for emergency	3.2 %

COMORBIDITIES:	
Cancer	8.5 %
Chronic cardiovascular disease	42.1 %
Chronic liver disease	1.0 %
Chronic renal disease	3.3 %
Chronic pulmonary disease	11.0 %
Cerebrovascular degeneration	3.2 %
Diabetes mellitus	8.1 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	87.0%
State	12.5%
Outside State	0.5%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	5.9 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	88
Occupancy Rate	40.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	(Not Available)
Case Mix Index (CMI)	1.1489
STAFFING:	
Total Number of Physicians	33
Percent of Physicians Board Certified Specialists	84.8 %
Medical Residents/Interns	0
Registered Nurses	50
Licensed Practical Nurses	22

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

** Except for CMI

* Not used in calculating mortality rates

WAUKESHA MEMORIAL HOSPITAL INC

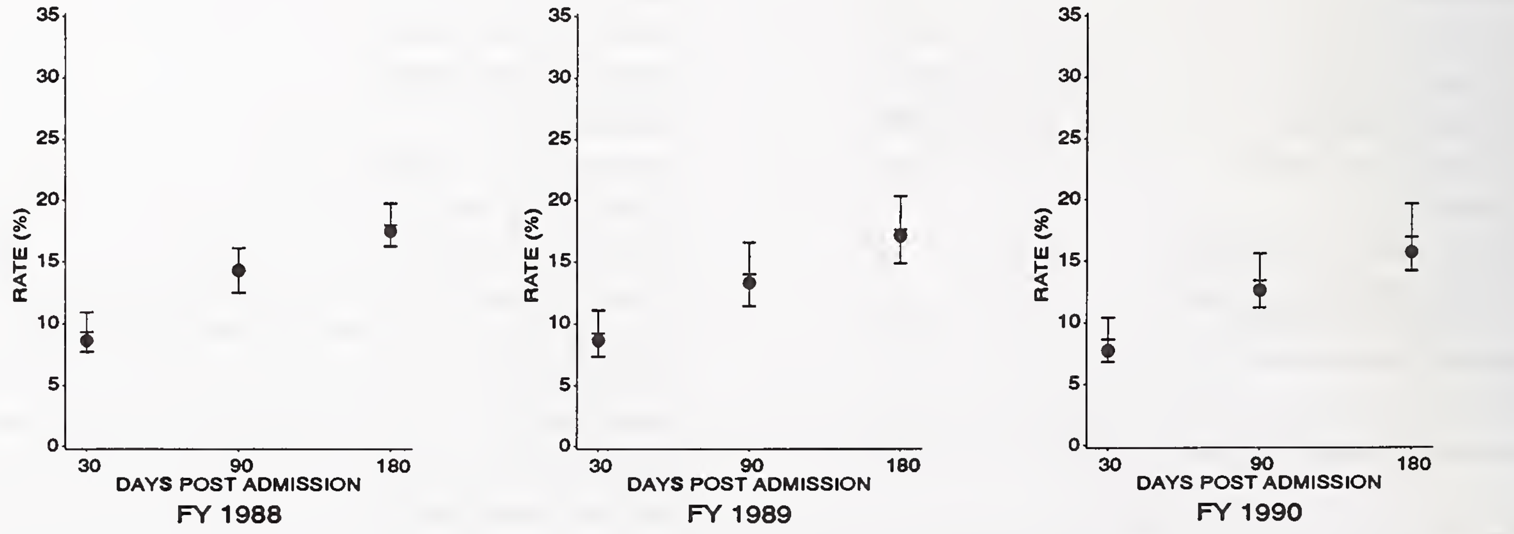
725 AMERICAN AVE
WAUKESHA, WI 53186
Medicare Provider Number: 520008

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	2305	7.7	8.6	0.9	12.6	13.4	1.1	15.7	16.9	1.4
CONDITIONS:										
Acute Myocardial Infarction	53	18.9	25.8	10.4	24.5	28.7	10.2	30.2	31.4	9.9
Congestive Heart Failure	128	10.2	13.8	3.9	18.8	22.4	4.3	25.8	28.7	4.4
Pneumonia/Influenza	105	16.2	16.1	3.9	25.7	22.2	5.3	28.6	26.4	5.1
Chronic Obstructive Pulmonary Disease	45	4.4	7.5	-----	6.7	13.2	-----	8.9	17.5	-----
Transient Cerebral Ischemia	44	0.0	1.5	-----	4.5	3.6	-----	6.8	6.1	-----
Stroke	105	17.1	20.3	4.5	20.0	27.4	5.6	22.9	31.8	5.9
Hip Fracture	56	0.0	6.9	5.0	3.6	11.9	6.2	7.1	15.4	6.5
Sepsis	29	20.7	21.0	-----	31.0	29.0	-----	44.8	33.3	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	31	9.7	5.1	-----	16.1	9.5	-----	19.4	12.9	-----
Carotid Endarterectomy	2	0.0	1.4	-----	0.0	2.8	-----	0.0	4.2	-----
Hip Replacement/Reconstruction	42	0.0	3.4	-----	2.4	6.1	-----	4.8	8.0	-----
Open Reduction of Hip Fracture	32	0.0	5.6	-----	0.0	10.3	-----	0.0	13.8	-----
Prostatectomy	67	0.0	0.7	1.2	0.0	1.8	2.1	0.0	3.1	3.1
Cholecystectomy	50	0.0	2.4	-----	2.0	4.7	-----	2.0	6.5	-----
Hysterectomy	20	0.0	0.5	-----	0.0	1.1	-----	0.0	1.8	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

WAUKESHA MEMORIAL HOSPITAL INC

Medicare Provider Number: 520008

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	75.1 years
Proportion female	58.2 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	95.6 %
Transferred from skilled nursing facility	2.0 %
Admitted for elective procedure	16.0 %
Admitted for emergency	52.0 %

COMORBIDITIES:	
Cancer	7.7 %
Chronic cardiovascular disease	36.3 %
Chronic liver disease	0.9 %
Chronic renal disease	3.8 %
Chronic pulmonary disease	15.5 %
Cerebrovascular degeneration	4.8 %
Diabetes mellitus	7.9 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	84.8%
State	13.2%
Outside State	2.0%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	8.0 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	307
Occupancy Rate	61.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	32.2 %
Case Mix Index (CMI)	1.2090
STAFFING:	
Total Number of Physicians	211
Percent of Physicians Board Certified Specialists	69.2 %
Medical Residents/Interns	0
Registered Nurses	293
Licensed Practical Nurses	35

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	Yes
Rehabilitation	Yes
Psychiatric	Yes
Medicare Swing Beds	No

** Except for CMI

* Not used in calculating mortality rates

WAUPUN MEMORIAL HOSPITAL

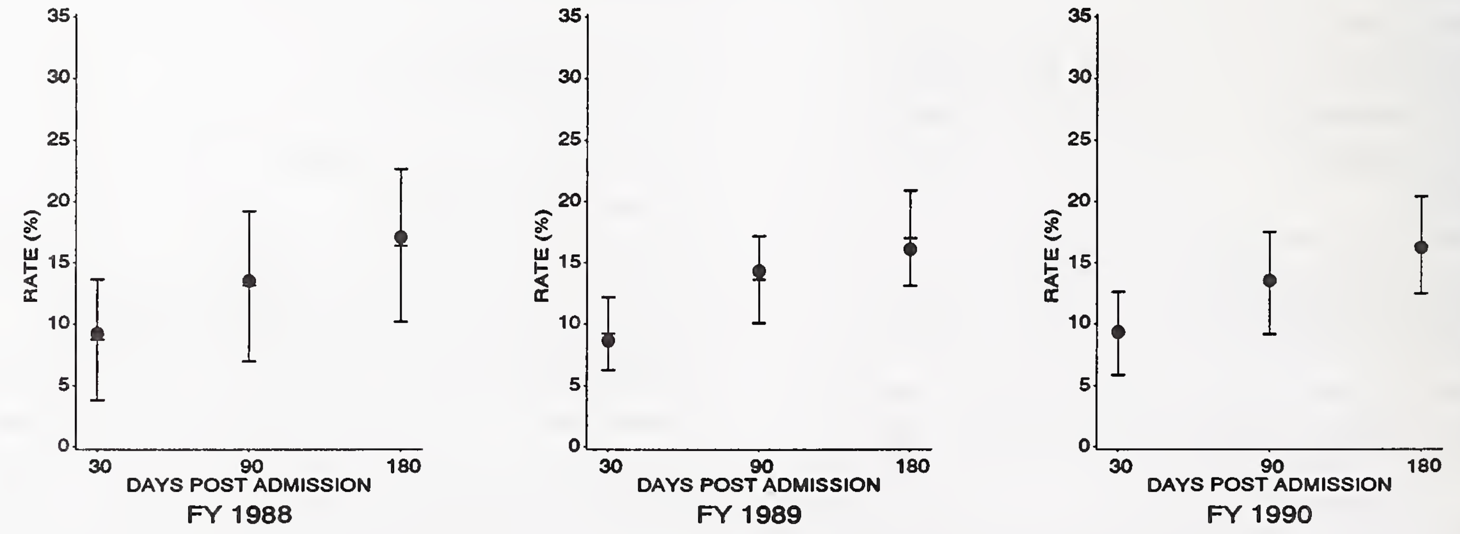
620 W BROWN ST
WAUPUN, WI 53963
Medicare Provider Number: 520025

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	431	9.3	9.2	1.7	13.5	13.3	2.1	16.2	16.4	2.0
CONDITIONS:										
Acute Myocardial Infarction	18	55.6	35.6	-----	66.7	38.6	-----	66.7	41.1	-----
Congestive Heart Failure	20	35.0	15.2	-----	35.0	23.3	-----	35.0	29.3	-----
Pneumonia/Influenza	24	12.5	15.2	-----	16.7	21.0	-----	29.2	24.7	-----
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	20	5.0	2.1	-----	5.0	4.6	-----	5.0	7.1	-----
Stroke	17	11.8	29.3	-----	11.8	35.9	-----	17.6	39.0	-----
Hip Fracture	13	15.4	8.5	-----	15.4	14.9	-----	15.4	18.9	-----
Sepsis	14	14.3	21.9	-----	14.3	31.6	-----	21.4	36.1	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	7	28.6	7.7	-----	28.6	14.7	-----	28.6	19.2	-----
Open Reduction of Hip Fracture	4	0.0	8.5	-----	0.0	14.4	-----	0.0	18.1	-----
Prostatectomy	24	0.0	1.2	-----	4.2	2.7	-----	4.2	4.4	-----
Cholecystectomy	10	0.0	3.6	-----	0.0	6.0	-----	0.0	7.6	-----
Hysterectomy	7	0.0	0.9	-----	0.0	2.0	-----	0.0	3.2	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



WAUPUN MEMORIAL HOSPITAL

Medicare Provider Number: 520025

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	76.5 years
Proportion female	56.4 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	52.2 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	17.6 %
Admitted for emergency	81.7 %

COMORBIDITIES:

Cancer	6.0 %
Chronic cardiovascular disease	45.5 %
Chronic liver disease	0.2 %
Chronic renal disease	5.1 %
Chronic pulmonary disease	12.1 %
Cerebrovascular degeneration	0.9 %
Diabetes mellitus	7.7 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	39.9%
State	59.6%
Outside State	0.5%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	5.2 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	49
Occupancy Rate	49.0 %
Ownership/Control	Church
Medicare Discharges	58.9 %
Case Mix Index (CMI)	1.1129

STAFFING:

Total Number of Physicians	9
Percent of Physicians Board Certified Specialists	55.6 %
Medical Residents/Interns	0
Registered Nurses	45
Licensed Practical Nurses	11

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

*** Not used in calculating mortality rates**

WAUSAU HOSPITALS CENTER

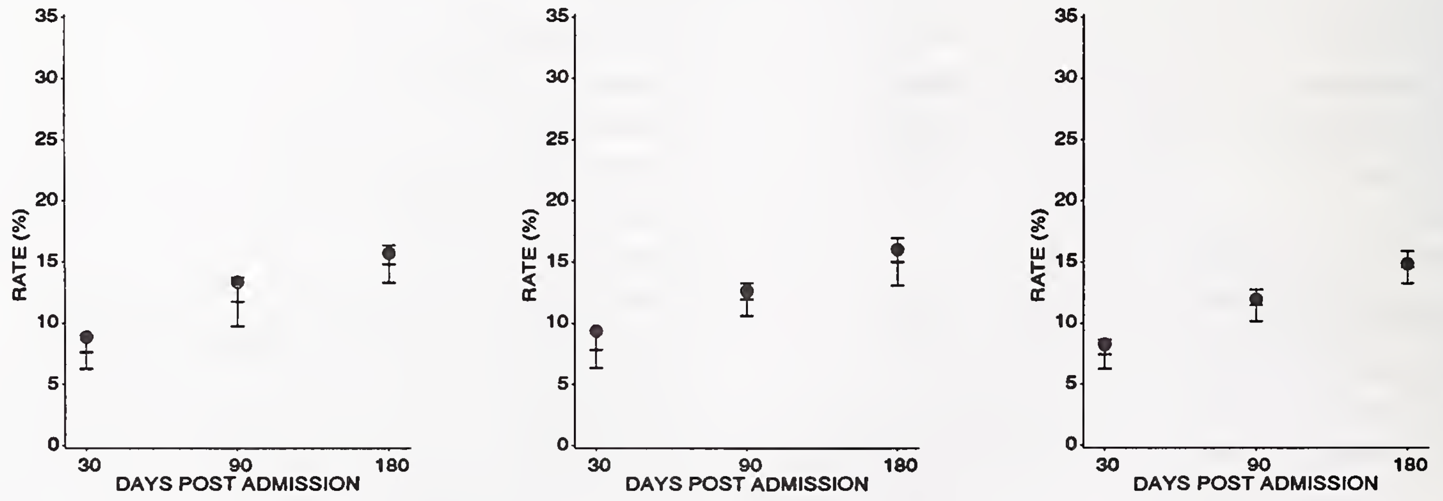
333 PINE RIDGE BLVD
WAUSAU, WI 54401
Medicare Provider Number: 520030

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	2847	8.2	7.4	0.6	11.9	11.4	0.6	14.8	14.5	0.7
CONDITIONS:										
Acute Myocardial Infarction	114	17.5	21.4	5.4	19.3	24.6	6.1	20.2	27.3	6.7
Congestive Heart Failure	122	18.9	13.5	4.6	23.0	21.7	4.3	31.1	27.9	4.6
Pneumonia/Influenza	105	17.1	13.6	4.3	20.0	19.1	4.3	23.8	22.8	4.1
Chronic Obstructive Pulmonary Disease	21	9.5	8.7	-----	19.0	14.9	-----	19.0	19.0	-----
Transient Cerebral Ischemia	24	0.0	1.6	-----	0.0	3.6	-----	0.0	6.0	-----
Stroke	95	22.1	17.9	4.4	27.4	23.9	4.7	35.8	27.5	6.0
Hip Fracture	76	10.5	6.7	5.4	13.2	11.8	6.6	18.4	15.3	5.7
Sepsis	31	22.6	28.4	-----	35.5	37.0	-----	41.9	41.8	-----
PROCEDURES:										
Angioplasty	78	6.4	3.8	3.1	7.7	5.1	3.3	9.0	6.3	3.2
Coronary Artery Bypass Graft	77	6.5	5.7	3.0	7.8	8.1	3.1	9.1	8.9	3.3
Initial Pacemaker Insertion	30	6.7	2.6	-----	10.0	5.1	-----	10.0	7.4	-----
Carotid Endarterectomy	16	6.3	1.4	-----	6.3	2.8	-----	6.3	4.3	-----
Hip Replacement/Reconstruction	96	6.2	2.5	2.7	8.3	4.8	4.2	11.5	6.6	5.2
Open Reduction of Hip Fracture	14	14.3	6.7	-----	21.4	11.7	-----	28.6	14.9	-----
Prostatectomy	63	0.0	0.9	1.4	0.0	2.0	2.5	3.2	3.5	2.6
Cholecystectomy	75	6.7	3.1	3.2	10.7	4.9	4.2	12.0	6.0	4.4
Hysterectomy	19	0.0	0.4	-----	0.0	0.9	-----	0.0	1.5	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

WAUSAU HOSPITALS CENTER

Medicare Provider Number: 520030

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	74.0 years
Proportion female	53.4 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	99.3 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	31.8 %
Admitted for emergency	45.3 %

COMORBIDITIES:	
Cancer	8.3 %
Chronic cardiovascular disease	43.3 %
Chronic liver disease	1.2 %
Chronic renal disease	2.0 %
Chronic pulmonary disease	14.4 %
Cerebrovascular degeneration	4.9 %
Diabetes mellitus	5.9 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	65.8%
State	31.6%
Outside State	2.6%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	7.5 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	253
Occupancy Rate	67.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	34.7 %
Case Mix Index (CMI)	1.4772
STAFFING:	
Total Number of Physicians	152
Percent of Physicians Board Certified Specialists	84.9 %
Medical Residents/Interns	0
Registered Nurses	318
Licensed Practical Nurses	8

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	No
Rehabilitation	Yes
Psychiatric	Yes
Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

WEST ALLIS MEMORIAL HOSPITAL

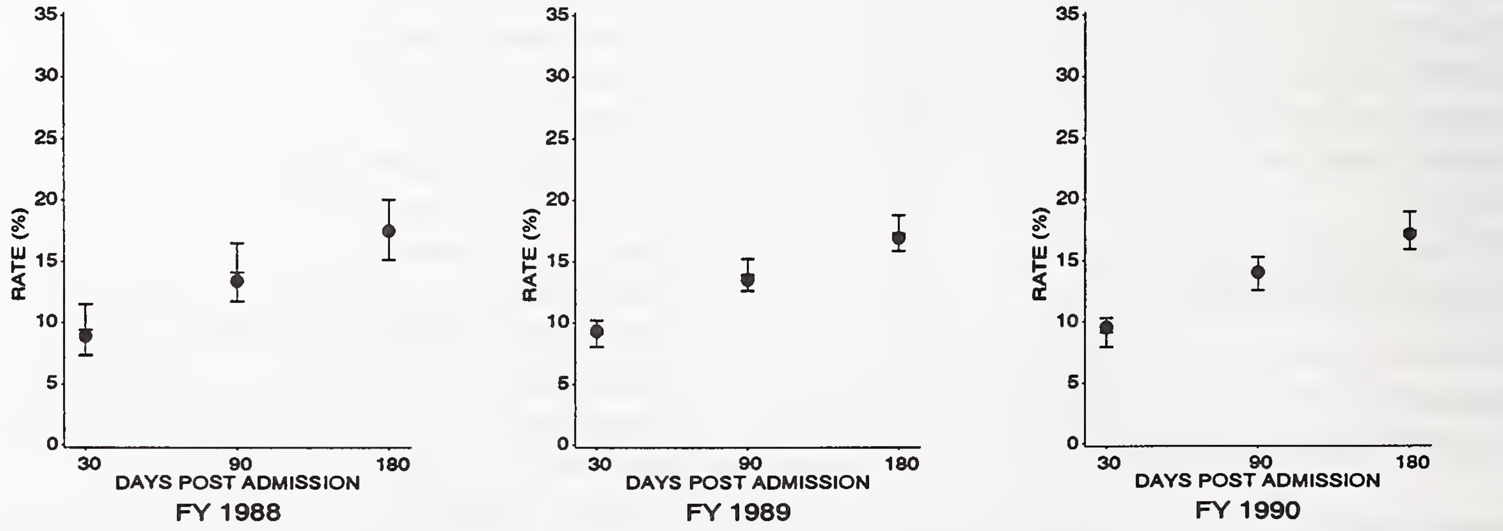
8901 WEST LINCOLN AVENUE
WEST ALLIS, WI 53214
Medicare Provider Number: 520139

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	2858	9.5	9.1	0.6	14.0	13.9	0.7	17.1	17.4	0.8
CONDITIONS:										
Acute Myocardial Infarction	95	32.6	29.9	5.0	35.8	32.7	5.2	35.8	35.2	4.9
Congestive Heart Failure	153	9.8	13.6	4.5	15.0	21.2	6.0	20.9	26.9	6.4
Pneumonia/Influenza	125	20.0	16.8	4.5	31.2	22.7	5.3	32.0	26.6	4.8
Chronic Obstructive Pulmonary Disease	43	11.6	9.4	-----	14.0	16.0	-----	18.6	21.1	-----
Transient Cerebral Ischemia	59	3.4	2.3	2.6	5.1	5.0	2.9	8.5	7.9	3.7
Stroke	113	23.9	22.9	4.3	27.4	28.7	4.9	31.9	32.3	5.1
Hip Fracture	107	8.4	6.8	3.2	13.1	12.1	3.8	16.8	15.6	4.1
Sepsis	36	19.4	21.0	-----	25.0	26.6	-----	30.6	30.2	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	24	4.2	5.9	-----	4.2	10.4	-----	16.7	13.7	-----
Carotid Endarterectomy	18	0.0	1.5	-----	0.0	2.8	-----	0.0	4.1	-----
Hip Replacement/Reconstruction	86	7.0	3.9	3.5	11.6	7.0	4.2	12.8	9.3	4.1
Open Reduction of Hip Fracture	37	8.1	6.6	-----	10.8	11.7	-----	16.2	15.2	-----
Prostatectomy	138	0.0	0.9	1.1	1.4	2.1	1.5	2.9	3.7	2.2
Cholecystectomy	53	0.0	2.5	3.1	0.0	4.7	5.0	0.0	6.6	6.5
Hysterectomy	36	0.0	0.3	-----	0.0	0.7	-----	0.0	1.2	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



WEST ALLIS MEMORIAL HOSPITAL

Medicare Provider Number: 520139

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	76.2 years
Proportion female	58.4 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	45.1 %
Transferred from skilled nursing facility	0.3 %
Admitted for elective procedure	20.3 %
Admitted for emergency	77.4 %

COMORBIDITIES:	
Cancer	9.5 %
Chronic cardiovascular disease	38.9 %
Chronic liver disease	1.0 %
Chronic renal disease	3.1 %
Chronic pulmonary disease	15.7 %
Cerebrovascular degeneration	3.6 %
Diabetes mellitus	6.5 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	85.6%
State	12.9%
Outside State	1.5%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	8.1 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	236
Occupancy Rate	72.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	36.5 %
Case Mix Index (CMI)	1.2337
STAFFING:	
Total Number of Physicians	217
Percent of Physicians Board Certified Specialists	96.8 %
Medical Residents/Interns	3
Registered Nurses	161
Licensed Practical Nurses	89

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

** Except for CMI

* Not used in calculating mortality rates

WILD ROSE COMMUNITY MEMORIAL HOSPITAL

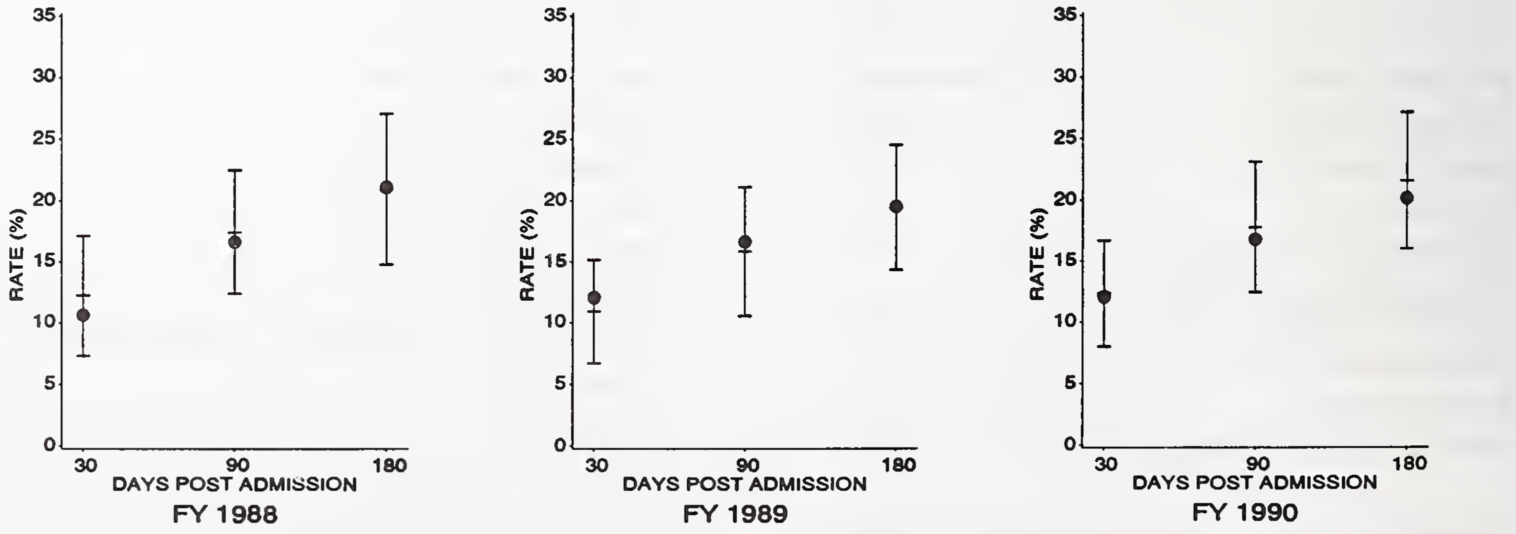
601 GROVE AVENUE, BOX 243
WILD ROSE, WI 54984
Medicare Provider Number: 520149

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	234	12.0	12.3	2.2	16.7	17.7	2.7	20.1	21.5	2.8
CONDITIONS:										
Acute Myocardial Infarction	13	30.8	34.2	-----	38.5	37.6	-----	46.2	40.6	-----
Congestive Heart Failure	12	33.3	14.0	-----	33.3	22.7	-----	50.0	28.6	-----
Pneumonia/Influenza	14	7.1	9.3	-----	14.3	13.1	-----	14.3	15.6	-----
Chronic Obstructive Pulmonary Disease	6	0.0	6.5	-----	0.0	12.0	-----	0.0	16.6	-----
Transient Cerebral Ischemia	3	0.0	2.6	-----	0.0	5.6	-----	0.0	8.8	-----
Stroke	14	14.3	19.8	-----	28.6	26.1	-----	35.7	30.2	-----
Hip Fracture	0									
Sepsis	4	0.0	21.4	-----	0.0	25.4	-----	0.0	29.0	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	8	12.5	1.2	-----	12.5	2.9	-----	12.5	5.1	-----
Cholecystectomy	9	11.1	2.2	-----	11.1	4.3	-----	11.1	5.9	-----
Hysterectomy	3	0.0	4.1	-----	0.0	9.1	-----	0.0	13.8	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

WILD ROSE COMMUNITY MEMORIAL HOSPITAL

Medicare Provider Number: 520149

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	77.8 years
Proportion female	59.4 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	0.0 %
Transferred from skilled nursing facility	8.5 %
Admitted for elective procedure	9.4 %
Admitted for emergency	3.4 %

COMORBIDITIES:

Cancer	4.3 %
Chronic cardiovascular disease	45.3 %
Chronic liver disease	0.9 %
Chronic renal disease	0.9 %
Chronic pulmonary disease	15.0 %
Cerebrovascular degeneration	2.1 %
Diabetes mellitus	9.0 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	80.2%
State	18.6%
Outside State	1.2%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	5.3 Days
State	7.4 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1989

PROFILE:

Total Beds	28
Occupancy Rate	25.0 %
Ownership Control	Private, Non-Profit
Medicare Discharges	65.9 %
Case Mix Index (CMI)	1.1489

STAFFING:

Total Number of Physicians	5
Percent of Physicians Board Certified Specialists	20.0 %
Medical Residents/Interns	0
Registered Nurses	8
Licensed Practical Nurses	5

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

* Not used in calculating mortality rates

WISCONSIN

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	140,024	8.5	8.5	0.1	12.9	13.1	0.2	16.0	16.4	0.1
CONDITIONS:										
Acute Myocardial Infarction	4,317	26.1	26.6	0.7	30.6	29.7	1.5	32.7	32.5	1.0
Congestive Heart Failure	7,355	14.1	14.5	0.5	22.2	22.8	0.7	28.5	29.0	0.7
Pneumonia/Influenza	5,980	15.0	15.6	0.5	20.8	21.6	0.8	24.9	25.6	0.8
Chronic Obstructive Pulmonary Disease	1,681	8.1	8.1	0.7	13.4	14.1	1.1	18.1	18.8	1.6
Transient Cerebral Ischemia	1,880	1.8	1.8	0.4	4.5	3.9	0.6	6.6	6.4	0.9
Stroke	5,123	20.1	19.6	0.8	26.5	26.0	0.7	30.3	29.9	0.7
Hip Fracture	3,652	6.9	6.7	0.5	10.9	11.9	0.8	14.6	15.5	0.9
Sepsis	1,748	21.3	24.5	1.3	28.9	32.3	1.7	33.7	36.9	1.8
PROCEDURES:										
Angioplasty	1,586	2.5	2.6	0.5	3.3	3.5	0.6	4.2	4.4	0.7
Coronary Artery Bypass Graft	1,970	6.5	5.6	0.9	8.9	8.1	0.9	9.8	9.1	0.8
Initial Pacemaker Insertion	889	3.7	3.7	0.6	7.3	6.9	0.9	10.5	9.9	1.1
Carotid Endarterectomy	578	1.6	1.3	0.5	2.2	2.5	0.7	4.3	3.7	0.9
Hip Replacement/Reconstruction	3,364	3.4	3.0	0.4	5.6	5.5	0.4	7.1	7.4	0.6
Open Reduction of Hip Fracture	1,478	5.4	6.2	0.8	9.5	11.3	1.3	14.0	14.9	1.6
Prostatectomy	4,932	1.0	1.0	0.2	2.0	2.3	0.3	3.6	4.0	0.4
Cholecystectomy	2,786	2.5	2.7	0.5	4.7	5.0	0.7	6.1	6.6	0.7
Hysterectomy	1,241	0.3	0.5	0.3	0.6	1.3	0.4	1.3	2.0	0.5

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	74.5 years
Proportion female	54.3 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	51.7 %
Transferred from skilled nursing facility	1.9 %
Admitted for elective procedure	24.9 %
Admitted for emergency	31.1 %

COMORBIDITIES:	
Cancer	7.8 %
Chronic cardiovascular disease	36.1 %
Chronic liver disease	1.0 %
Chronic renal disease	2.8 %
Chronic pulmonary disease	12.9 %
Cerebrovascular degeneration	4.8 %
Diabetes mellitus	7.1 %

ALL STATES

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD*	90 DAYS OBS	PRED	SD*	180 DAYS OBS	PRED	SD*
L CAUSES	6,542,299	9.0	9.0	-----	13.9	13.7	-----	17.3	17.1	-----
ONDITIONS:										
cute Myocardial Infarction	204,673	25.3	25.6	-----	29.5	28.7	-----	32.1	31.4	-----
ongestive Heart Failure	335,426	14.3	14.4	-----	22.9	22.8	-----	29.2	29.0	-----
neumonia/Influenza	313,303	15.3	15.5	-----	21.5	21.3	-----	25.5	25.1	-----
hronic Obstructive Pulmonary Disease	107,387	8.0	8.0	-----	14.1	14.0	-----	18.7	18.5	-----
ransient Cerebral Ischemia	96,866	1.8	1.8	-----	4.0	4.0	-----	6.4	6.5	-----
troke	241,803	19.7	19.8	-----	26.5	26.3	-----	30.4	30.0	-----
ip Fracture	163,386	6.7	6.5	-----	11.7	11.5	-----	15.1	15.0	-----
epsis	80,999	25.6	25.7	-----	34.6	33.8	-----	39.8	38.6	-----
ROCEDURES:										
ngioplasty	58,026	3.0	3.0	-----	4.0	4.0	-----	5.0	4.9	-----
oronary Artery Bypass Graft	80,798	6.0	5.7	-----	8.3	8.1	-----	9.5	9.2	-----
nitial Pacemaker Insertion	49,642	3.2	3.3	-----	6.5	6.3	-----	9.1	9.1	-----
arotid Endarterectomy	29,990	1.6	1.5	-----	2.8	2.8	-----	4.0	4.1	-----
ip Replacement/Reconstruction	122,156	3.4	3.2	-----	6.2	5.9	-----	8.1	8.0	-----
pen Reduction of Hip Fracture	80,075	6.1	6.0	-----	11.2	11.0	-----	14.5	14.5	-----
rostatectomy	211,087	0.9	1.0	-----	2.2	2.3	-----	3.7	3.8	-----
holecystectomy	124,259	2.9	2.7	-----	5.0	4.9	-----	6.5	6.5	-----
ysterectomy	53,905	0.7	0.7	-----	1.4	1.5	-----	2.2	2.4	-----

The Standard Deviation (SD) Is not calculated.

Y1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	74.1 years
Proportion female	55.9 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	46.1 %
Transferred from skilled nursing facility	1.1 %
Admitted for elective procedure	22.0 %
Admitted for emergency	46.5 %

COMORBIDITIES:	
Cancer	7.6 %
Chronic cardiovascular disease	36.6 %
Chronic liver disease	1.0 %
Chronic renal disease	3.4 %
Chronic pulmonary disease	15.0 %
Cerebrovascular degeneration	3.9 %
Diabetes mellitus	8.0 %

Hospital Comments

Bellin Hospital
744 S. Webster Avenue
P.O. Box 1700
Green Bay, WI 54305-5000
Tel. - (414) 433-3500
Fax. - (414) 433-7971

Medicare Provider #520049

TO: Gail R. Wilensky, Ph.D., Administrator
Health Care Financing Administration
Bureau of Data Management and Strategy

Optimizing the health outcomes of our patients through continuous improvement of services and systems is a primary goal at Bellin Hospital. Although we have systems for the monitor and review of 100% of our patient mortalities, we view mortality as one of many interdependent performance measurements. Therefore, we have serious concern regarding its usefulness as an exclusive indicator of quality of care, and urge caution in the use of mortality information for evaluative purposes.

When processed for statistical significance, the information in this report for Bellin's Medicare patients shows that in all categories where patient volumes are equal to or exceed 50 cases, Bellin's observed mortality rates fall below upper boundary expected rates at all prediction intervals (75%, 95%, and 99%). Although these results are very favorable, please consider the following in your review of the information:

> CALCULATIONS of ADJUSTED MORTALITY. Adjusting mortality rates to account for differences in a hospital's patient and case mix is an important step toward comparative data analysis. However, no methodology exists to date which completely isolates hospital performance factors.
>
> In addition, we discovered mid-year in 1990 that our misinterpretation of the code schemes for "Source of Admission" resulted in an underreporting of patients who accessed Bellin through emergency rooms. Since this variable weighs significantly in assessing a hospital's patient mix (which is then used to calculate the facility's "predicted" mortality rate), the first 9 months of 1990 data used by HCFA to calculate Bellin's predicted mortality is distorted. A correction of our misuse of "Source of Admission" codes was made during the last three months of 1990. Unfortunately, the reader's ability to draw accurate conclusions about our observed versus expected mortality rates for 1990 has been impaired.

Bellin Hospital
744 S. Webster Avenue
P.O. Box 1700
Green Bay, WI 54305-5000
Tel. - (414) 433-3500
Fax. - (414) 433-7971

Medicare Provider #520049

Without access to the full range of information in a patient's medical record or complete knowledge of the circumstances following hospital discharge, it is not possible to make quality of care statements about the individual cases that enter into a facility's mortality rates. However, careful and regular review of meaningful indicators such as those provided by HCFA can give important insights into hospital performance. We support the development of valid indicators, and their use in conjunction with other information as a catalyst for continuous improvement of our services.

Respectfully submitted,

Thomas D. Arndt

Thomas D. Arndt
Administrator

COMMUNITY
HEALTH NETWORK

MEDICARE PROVIDER NUMBER: 520060

March 13, 1992

Members:
Berlin Memorial Hospital
Berlin Hospital Home Care
Heartland Ventures, Inc.
Juliette Manor
Markesan Medical Center
Montello Family Medical Practice
Princeton Family Medical Clinic

Gail R. Wilensky, Ph.D., Administrator
Health Care Financing Administration
Medicare Hospital Information
Bureau of Data Management and Strategy
Room 3-A-12, Security Office Park Building
6325 Security Boulevard
Baltimore, Maryland 21207-5187

ATTENTION: Robert Moore

Dear Ms. Wilensky:

We are responding to your recent Health Care Financing Administration (HCFA) Medicare Hospital Mortality Information for Fiscal Year 1990.

We are concerned about some weaknesses of this data. First, as time elapses from the date of discharge, the probability of an elderly patient dying from a cause other than the hospitalized diagnosis increases. This is particularly significant when one of the categories of your analysis covers a period of 180 days post discharge.

Second, since no standard deviation was computed for any of the conditions and procedures listed in your 1990 Medicare Hospital Mortality rates, the predicted mortality value is unreliable due to lack of statistical significance.

Third, please also note that this year, as in all previous HCFA Mortality releases, Berlin Memorial hospital is listed as being a 163 bed hospital. In reality, Community Health Network includes a 61 bed hospital (Berlin Memorial Hospital) and a 102 bed nursing home (Juliette Manor). The staffing information included on your report reflects the staffing of only Berlin Memorial Hospital.

Your report was dated February 28, 1992 and it was requested that comments must be received by March 20, 1992 for publication. This limited time frame precludes all but a general overview of your Medicare hospital information.

225 Memorial Drive
Berlin, Wisconsin 54923
414-361-1313

Despite these concerns, in reviewing your data we have made a determination to study sepsis mortality within 30 days. We have developed specific criteria which will guide our intensive review in an attempt to validate the data.

We are concerned that the publication of HCFA's mortality data will cause misperceptions by Medicare beneficiaries as well as the general public since the release of the data has no established relationship to quality and it implies that mortality rates are quality indicators. Statistical mortality analysis is only useful as a guide in identifying potential areas of review, such as we are doing with our Sepsis Mortality Study. We will continue to incorporate this information into our Quality Improvement program in attempt to insure residents of our service area of the highest quality medical care.

Thank you for the opportunity to make these comments.

Sincerely,

Craig W. C. Schmidt
President & CEO

CWCS:ak

cmh community memorial hospital

Robert E. Drisner
President

"More Than A Hospital"
W180 N8085 Town Hall Road
P.O. Box 408
Menomonee Falls, WI 53052
414-251-1000

March 17, 1992

Medicare Provider No. 520103

Gail R. Wilensky, PhD, Administrator
Health Care Financial Administration
Medicare Hospital Information
Bureau of Data Management & Strategy
Room 3-A-12, Security Office Park Building
6325 Security Boulevard
Baltimore, MD 21207-5187

ATTN: Robert Moore

Dear Sir or Madam:

We appreciate the opportunity to review and make comments regarding our FY1990 Medicare mortality data. Our mortality rate for all causes falls within the predicted ranges determined by HCFA. Our Medicare mortality rates for FYs 1989 and 1988 also fell within the predicted ranges established for those years.

Mortality statistics alone should not be used to evaluate a hospital's performance in providing quality patient care. Mortality rates are affected by a variety of factors which are not included in the methodology used by HCFA to calculate the rates. These factors include the patient's severity of illness and the patient's advance directives regarding life-prolonging measures.

We continue to disagree with HCFA's decision to have the rates include deaths occurring up to six months post-admission. Once the patient has been discharged from the hospital, there are too many factors beyond a hospital's control that affect a person's well being. Furthermore, we are unable to analyze the post-hospitalization deaths because HCFA does not make available the cause of death for those patients.

As part of our continuous quality improvement program, our Medical Staff routinely conducts reviews of deaths, complications, infections, indications for surgery and a variety of other components of patient care. The FY1990 Medicare mortality report will be used to supplement their evaluation of the effectiveness of medical practice and the quality of care provided to all of our patients.

Sincerely,

Robert E. Drisner
President

RED:sss
F:HCFA

Elmbrook
MEMORIAL HOSPITAL

Medicare Provider # 520170

Response to Health Care Financing Administration
Regarding FY 1990 Medicare Hospital Mortality Rates

To understand the mortality data presented in this report for Elmbrook Memorial Hospital, the following point should be considered:

- Patients admitted from nursing homes have been identified on the billing form with an admission source code of "Admitted by physician", rather than "Admitted from skilled nursing facility." Since this admission source is a variable used to calculate predicted mortality rates, the HCFA predicted rate is lower than the data should indicate.

Elmbrook Memorial Hospital will use this data as an additional tool for our on-going Quality Assurance Program which continuously monitors patient care delivery and outcomes.

Elmbrook Memorial Hospital, Inc.
19333 West North Avenue Brookfield, WI 53045-4198 414-785-2000

Good Samaritan Health Center
OF MERRILL, WISCONSIN, INC.

MEDICARE PROVIDER #520015

601 Center Avenue South
Merrill, Wisconsin 54452
715-536-5511

- Acute Care (Hospital)
  - Medical
  - Surgical
- Anesthesia
- Childbirth Education
- Echocardiography
- Emergency Room Service
  - 24 Hour Inhouse Physicians
- Extended Care
- Health Education Programs
- Hospice
- Industrial Health
  - Pre-employment Exams
  - Drug Testing
- Laboratory Services
  - Anatomical Pathology
  - Bacteriology
  - Blood Banking
  - Clinical Chemistry
  - Cytology
  - Hematology
  - Immunology/Serology
  - Urinalysis
- Obstetrics
  - Birthing Room
  - Nursery
  - Rooming In
- Outpatient Services
  - Ambulatory Surgery
  - Audiology
  - Specialty Consultations
    - Cardiology
    - Ear, Nose & Throat
    - Gastroenterology
    - Maxillofacial Surgery
    - Neurology
    - Ophthalmology
    - Oral Surgery
    - Physical Medicine & Rehabilitation
    - Podiatry
    - Urology
- Mobile Lithotripsy
- Pastoral Care
- Patient Education
- Radiology
  - Diagnostic Fluoroscopy
  - CT Scanning
  - Magnetic Resonance Imaging (MRI)
  - Mammography
  - Nuclear Medicine
  - Ultrasound
- Rehabilitation Care
  - Cardiac Rehabilitation
  - Occupational Therapy
  - Physical Therapy
  - Speech Therapy
- Respiratory Care
- Respite Care
- Social Services
- Special Care Unit
- Stress Testing
- Surgery
- Swing Beds (Skilled Nursing)

FY 1990 MEDICARE HOSPITAL MORTALITY INFORMATION

Hospital specific data for Good Samaritan Health Center, Merrill, WI, reveals we generally fall below the predicted mortality rates. However, due to the low numbers of cases within specific categories, it is difficult to attribute high or low mortality rates to a quality care concern.

We believe the data has value when used as a screening tool to identify potential quality problems. However, no conclusions can or should be made about the quality of care delivered by a hospital based upon these data alone. Individual cases must be reviewed to determine the quality of care rendered. A patient's severity of illness cannot be discerned from this report and does directly contribute to the observed mortality rate within the specified medical and procedural groupings. Final judgments about quality of care by hospital cannot be made based upon this report, and mortality rates by themselves cannot be used to compare hospitals.

Michael Hammer

Michael Hammer
President/CEO
March 10, 1992

A Catholic Health Corporation Facility • **Omaha, Nebraska**
Fully Accredited by the Joint Commission on Accreditation of Healthcare Organizations

Hayward Area Memorial Hospital
Hayward Nursing Home
Route 3, Box 3999
Hayward, Wisconsin 54843
(715) 634-8911

March 5, 1992

Medicare Provider #520161

Gail R. Wilensky, PhD, Administrator
Health Care Financing Administration
Medicare Hospital Information
Bureau of Data Management and Strategy
Room 3-12, Security Office Building
6325 Security Boulevard
Baltimore, Maryland 21207-5187

ATTN: Robert Moore

Dear Mr. Moore,

Thank you for offering us the opportunity to comment on the 1990 Health Care Financing Administration Mortality Data.

I have two comments which I would like to have included in the publication of the data.

1. In the transient cerebral ischemia category, one of the patients who died had an admission subsequent to the one at our facility at a tertiary care facility in another state. It does not seem appropriate that this patient would be included in our data.

2. There was one death in the cholecystectomy category. Obviously, the number of cholecystectomies performed in our facility was so small that reliable conclusions cannot be drawn. However, it should be noted that the patient who died was very elderly, was a resident of our attached nursing home, had chronic obstructive pulmonary disease, and this was an emergency procedure due to the degree of discomfort felt by the patient. She was a very poor surgical risk and our physician was aware of this . Discussion with that physician and the patient's family indicated that we needed to go ahead with the surgery.

Thank you again for offering this opportunity to comment.

Sincerely,

Barbara A Peickert

Barbara A. Peickert
Chief Executive Officer
Hayward Area Memorial Hospital

Hayward Area Memorial Hospital
Hayward Nursing Home
Route 3, Box 3999
Hayward, Wisconsin 54843
(715) 634-8911

March 5, 1992

Medicare Provider #520161

Gail R. Wilensky, PhD, Administrator
Health Care Financing Administration
Medicare Hospital Information
Bureau of Data Management and Strategy
Room 3-12, Security Office Building
6325 Security Boulevard
Baltimore, Maryland 21207-5187

ATTN: Robert Moore

Dear Mr. Moore,

I would like to make an additional comment to the 1990 Medicare mortality data. This would not affect the calculation of mortality and it is my understanding that these comments are to be submitted separately.

The data that you received from the American Hospital Association regarding our facility, and listed on page 69 under hospital characteristics, is not entirely accurate. I have tried to correct this with the American Hospital Association on several occasions and have not been successful in having it changed. The total bed capacity for our facility is 117, but only 41 of those beds are acute care. The remaining 76 are in our nursing home, which is attached. This changes the occupancy rate, the Medicare discharges, and probably the case mix index. I do not know if you consider that a significant change, but I thought I ought to bring this to your attention.

Sincerely,

Barbara a Peickert

Barbara A. Peickert
Chief Executive Officer

BP/kh

Owned and operated by Medical Services, Inc.

LUTHERAN HOSPITAL
LA CROSSE

March 19, 1992

Gail R. Wilensky, Ph.D., Administrator
Health Care Financing Administration
Medicare Hospital Information
Bureau of data Management and Strategy
Room 3-A-12, Security Office Park Building
6325 Security Boulevard
Baltimore, Maryland 21207-5187
ATTN: Robert Moore

Medicare Provider: 520087

Dear Dr. Wilensky:

We support the 1990 HCFA Mortality Report as bench marks against which we can compare ourselves. It can provide valuable insight and guidance as a part of a hospital medical staff's overall quality improvement program. However, this data alone cannot be used to draw meaningful conclusions. Just because a hospital's mortality is above the expected rate, it is not per se an indication that there is a problem any more than a mortality rate that is lower than the expected means there are not areas for improvement. Additional assessment including chart review is essential to greater understanding.

Our mortality rate is below the expected in 13 of 17 categories. The other 4 categories fell within the predicted interval and thus were not considered a statistical significant variation. In the angioplasty category, 3 of the 5 patients also had an acute myocardial infarction which greatly increases the mortality. The mortality rate for angioplasty is increased by 50% or more for patients who are in cardiogenic shock. While these patients have a low chance of survival after angioplasty, they have almost no chance of survival without angioplasty. It does not appear that these very significant comorbidities were included in the analysis of predicted mortality.

The exercise of reviewing this data is worthwhile and an important step in ensuring quality health care. Through efforts such as this, more meaningful data assessment methodologies will be developed.

Sincerely,

Donald Smith

Donald Smith
Senior Vice President

1910 South Avenue, La Crosse, Wisconsin 54601-9980, Telephone (608) 785-0530

VHA. Member of Voluntary Hospitals of America, Inc.

Memorial Hospital
of Burlington

March 19, 1992

Gail R. Wilensky, Ph.D., Administrator
Health Care Financing Administration
Medicare Hospital Information
Bureau of Data Management and Strategy
Room 3-A-12, Security Office Park Building
6325 Security Boulevard
Baltimore, Maryland 21207-5187

Dear Ms. Wilensky:

Enclosed is Memorial Hospital's (Medicare Provider Number: 520059) response to the Health Care Financing Adminstration's mortality information report.

Sincerely,

Ann Staroszczyk

Ann Staroszczyk
Quality and Risk Manager

HC595L/jlr
Enclosure

Close To Home...Where You Need Us.

252 McHenry Street · Burlington, Wisconsin 53105-1828 · 414-763-2411

Memorial Hospital
of Burlington

The Health Care Financing Administration recently released its fiscal 1990 Medicare hospital mortality information to hospitals for inspection and comment before release to the media. As with all compiled and adjusted data -- and especially with such data related to health care -- interpretation must be done cautiously for their numerical groupings. In the areas of CHF, stroke, sepsis, and hip replacement/reconstruction, Memorial Hospital of Burlington's observed rate was above that of the predicted rate. Each of these cases has been reviewed through the hospital's peer review process which involves on-going monitoring and evaluation. Consideration must be given to the fact that the patients in these groups tend to have multiple pre-existing medical problems that complicate their conditions and compromise their physical ability to cope with a medical crisis. Patient and family wishes, likewise, play an important role in treatment patterns and in patient outcomes.

The quality of care that every patient receives is a serious issue at Memorial. The hospital welcomes the additional statistical data that the report provides and will use it as part of its on-going commitment to enhance the quality of service it provides.

Close To Home...Where You Need Us.

252 McHenry Street · Burlington, Wisconsin 53105-1828 · 414-763-2411

520066

MERCY HOSPITAL
Serious Medicine For Better Care

1000 MINERAL POINT AVENUE
JANESVILLE, WISCONSIN 53545
608/756.6000 • FAX/756.6141

March 18, 1992

Health Care Financing Administration
Bureau of Data Management & Strategy
6325 Security Boulevard
Baltimore, Maryland 21207-5187

Dear Ms. Wilensky,

I would like to respond to the Medicare hospital mortality information specific to our hospital for 1989-1990 which will be published later this year.

I find that Mercy Hospital's mortality rates and our trending activity over the past 5 years remains consistent and within the predicted range. Although these rates are consistent with our internal monitoring reports we wish to caution that monitoring rates alone do not measure quality of care.

We have an effective ongoing peer review process in place at Mercy Hospital that reviews not only mortality cases but morbidity as well as occurrence screens which we feel in combination provides more specific information to assure that we are providing optimum patient care.

We feel that the continual improvement in the methodology and reporting of the mortality data is serving the Medical Staff with a valuable educational tool to continually improve the quality of care in our institution. We appreciate your efforts in fine-tuning the mortality information.

I wish to thank you for the opportunity to respond to the Hospital Mortality Information report prior to its public release.

Sincerely,

Javon R Bea

Javon R. Bea
President & CEO

JRB/bt

Sinai Samaritan Medical Center

Medicare Provider Number
520064

SINAI SAMARITAN MEDICAL CENTER - SINAI CAMPUS

Comments on Medicare Hospital Information - 1992

During fiscal year 1990, the time period from which hospital mortality data was compiled for this report, Sinai Samaritan Medical Center was treated as two acute care facilities with two separate Medicare provider numbers. As a result, the number of cases in many of the condition and procedure categories was too small to permit estimation of standard deviations. In Enclosure A -- General Overview of Mortality Information of the report, HCFA notes: "The precision and interpretability of our estimates are questionable when the standard deviation could not be calculated (generally in categories with no deaths or 50 or fewer cases)." This is a key point for readers of the report to take into consideration.

The charts of observed and predicted mortality rates for Medicare patient admissions for all causes demonstrate that for 1988, 1989 and 1990 Sinai Campus statistics fall well within the predicted ranges. When reviewing specific categories within those totals, it is important to recognize the distinct socioeconomic profile and compromised health status of Sinai Samaritan Medical Center's patient population.

Access to primary care in the central city is limited, and as a result, Sinai Samaritan admits a high percentage of patients through its emergency department with advanced disease and multiple comorbidities. These factors and the devastating impact of poverty cannot be fully accounted for by the HCFA methodology. Since the 1970s, national studies have repeatedly correlated lower socioeconomic status with higher mortality rates.

For the HCFA report on 1991 Medicare cases, Sinai Samaritan Medical Center will be treated as a single acute care provider. Thus the next report should contain fewer categories lacking standard deviation estimates, and more easily interpretable data.

William I. Jenkins, FACHE
President

286(1):WIJ/pas

Mailing Address: P.O. Box 342, Milwaukee, Wisconsin 53201-0342
East Campus (Sinai)
945 North 12th Street
(414) 345-3400
West Campus (Samaritan)
2000 West Kilbourn Avenue
(414) 345-3400

Sinai Samaritan Medical Center

Medicare Provider Number
520020

SINAI SAMARITAN MEDICAL CENTER - SAMARITAN CAMPUS

Comments on Medicare Hospital Information - 1992

During fiscal year 1990, the time period from which hospital mortality data was compiled for this report, Sinai Samaritan Medical Center was treated as two acute care facilities with two separate Medicare provider numbers. As a result, the number of cases in many of the condition and procedure categories was too small to permit estimation of standard deviations.

In Enclosure A -- General Overview of Mortality Information of the report, HCFA notes: "The precision and interpretability of our estimates are questionable when the standard deviation could not be calculated (generally in categories with no deaths or 50 or fewer cases)." This is a key point for readers of the report to take into consideration. Throughout the condition and procedure-specific table of data for the Samaritan Campus, not a single standard deviation was established for the predicted mortality rates.

The charts of observed and predicted mortality rates for Medicare patient admissions for all causes demonstrate that for 1988, 1989 and 1990 Sinai Campus statistics fall well within the predicted ranges. When reviewing specific categories within those totals, it is important to recognize the distinct socioeconomic profile and compromised health status of Sinai Samaritan Medical Center's patient population.

Access to primary care in the central city is limited, and as a result, Sinai Samaritan admits a high percentage of patients through its emergency department with advanced disease and multiple comorbidities. These factors and the devastating impact of poverty cannot be fully accounted for by the HCFA methodology. Since the 1970s, national studies have repeatedly correlated lower socioeconomic status with higher mortality rates.

For the HCFA report on 1991 Medicare cases, Sinai Samaritan Medical Center will be treated as a single acute care provider. Thus the next report should contain fewer categories lacking standard deviation estimates, and more easily interpretable data.

William T. Jenkins, FACHE
President

286(2):WIJ/pas

Mailing Address: P.O. Box 342, Milwaukee, Wisconsin 53201-0342

East Campus (Sinai)
945 North 12th Street
(414) 345-3400

West Campus (Samaritan)
2000 West Kilbourn Avenue
(414) 345-3400

St. Clare Hospital

Medicare Provider
Number 520057

707 Fourteenth Street
Baraboo, Wisconsin 53913
608 356 5561

March 16, 1992

Gail R. Wilensky, Ph.D., Administrator
Health Care Financing Administration
Medicare Hospital Information
Bureau of Data Management and Strategy
Room 3-A-12, Security Office Park Building
6325 Security Boulevard
Baltimore, MD 21207-5187

Dear Ms. Wilensky:

RE: Response to 1990 Hospital Mortality Rates
Medicare Provider Number 520057

The recently released FY 1990 Medicare Mortality Rates for St. Clare Hospital, in addition to our ongoing quality assurance and improvement processes, assures us that the care we provide meets or exceeds quality standards.

The observed mortality rates for all causes are within 1.4 standard deviations of the predicted rates at 30, 90 and 180 days. For all identified specific conditions and procedures, the number of cases is too small to calculate a meaningful standard deviation. Therefore, comparison of observed and predicted rates for reported conditions and procedures is not meaningful and is statistically unreliable.

We appreciate the opportunity to respond to this mortality report.

Sincerely,

Thomas R Warwick

Thomas R. Warwick
President

TRW:cm

Provider #520028

ST. CLARE
HOSPITAL
A proud caring tradition

Comments regarding HCFA Mortality Data

Hip Replacement/Reconstruction

34 cases are included in the report which is 22% of the total procedures performed at St. Clare.

3 deaths were identified by HCFA. One patient died in-house. It was an elective admission and the patient developed a postop pulmonary embolus and expired. The second patient died 4 days after hospitalization and had the comorbidities of emphysema, bladder cancer and CHF. The third patient died two months after discharge and was hospitalized here in the interim for pneumonia, CHF and a stroke. The last two patients were also transferred to SNFs.

Of the cases which are not included in the report, there were no additional in-house deaths. There is one patient recorded as expiring within the 180 day limit.

If all cases were included, the actual death rate would be:

Total Cases: 152	Expired within 30 days:	1	0.66%
	Expired within 90 days:	3	1.97%
	Expired within 180 days:	4	2.63%

These rates are all well below the predicted rates set by HCFA.

ORIF Hip

18 cases are included in the report which is 69% of the total procedures performed at St. Clare.

3 deaths were identified by HCFA. One patient died in-house. The patient's femur was fractured in three different places and an acute myocardial infarction also occurred. The second patient died 2 days after discharge and had the comorbidity of chronic bronchitis. The third patient died 4 1/2 months after discharge and also had CHF. Again, the last two patients were transferred to SNFs.

Of the cases not included in the report, there were no additional in-house deaths. One patient did die within the 90 day time period.

If all cases were included, the actual death rate would be:

Total Cases: 26	Expired within 30 days:	1	3.8%
	Expired within 90 days:	3	11.5%
	Expired within 180 days:	4	15.4%

The rates exceed HCFA's predicted in the 90 and 180 day time limits.

Both the hip replacement and ORIF data will be shared with the Orthopedic Department.

515 22nd Avenue
Monroe, Wisconsin 53566
(608)328-0100
A Catholic Institution conducted by the Sisters of St. Agnes

Prostatectomy

67 cases are included in the report which is 70% of the total procedures performed at St. Clare.

6 deaths were identified by HCFA. One patient died approximately eight months after discharge and should not be included in the report. One patient died within two weeks after discharge due to a pulmonary embolus. The other four patients died within three months of discharge. They had comorbidities of lung cancer (2 patients), prostate cancer with metastasis to bone and CHF. All patients were discharged home except for one who went to a SNF.

Of the cases not included in the report, two patients died within the 180 day time period.

If all cases were included, the actual death rate would be:

Total Cases: 96	Expired within 30 days:	1	1.0%
	Expired within 90 days:	5	5.2%
	Expired within 180 days:	7	7.3%

These rates exceed HCFA's predicted in the 90 and 180 day time periods. The rates exclude the case which should not be in the report.

The data will be shared with the Surgery Department.

Myocardial Infarction

36 cases are included in this report which represents 43% of the total cases during this time frame.

15 deaths were identified by HCFA. These patients ranged in age from 68 to 98 and their average length of stay was 5 days.

Ten of these patients expired at St. Clare. Five of those deaths occurred within 24 hours of admission.

Three of these patients were discharged home. Two patients expired within 30 days of discharge and one expired within 90 days of discharge.

One patient was transferred to a SNF and expired within 30 days of discharge.

One patient was transferred to UW and expired within 30 days of discharge.

If all cases were included, the actual death rate would be:

Total Cases: 84	Expired within 30 days	16.66%
	Expired within 90 days	1.19%

3/19/92
Date

James D. Beyers, President

Medicare Provider Number: 520136

St Joseph's
HOSPITAL·MILWAUKEE

5000 West Chambers Street · Milwaukee, WI 53210-1688 · 414/447-2000

Thomas A. Reitinger
President

March 18, 1992

Gail R. Wilensky, Ph.D. Administrator
Health Care Financing Administrator
Medicare Hospital Information
Bureau of Data Management & Strategy
Room 3-A-12, Security Office Park Building
6325 Security Blvd.
Baltimore, Maryland 21207-5187

Attn: Robert Moore

Dear Ms. Wilensky:

St. Joseph's Hospital's mission is to provide quality tertiary and acute care health services. We are committed to providing quality service and continuously working to enhance the services we provide. We believe that mortality rates alone cannot be used as a basis for judging the quality of care provided in a hospital.

In reviewing data for St. Joseph's Hospital we noted that:

1. The average age of our patients who died was 77 years.

2. Twenty-four percent of those who died were admitted from nursing homes for terminal care. State of Wisconsin data takes into account that patients admitted from a nursing home are more likely to be sicker and die.

3. For 90% of those who died at St. Joseph's death was expected.

4. This hospital was not coding emergency room admissions as an admission source for the first two quarters of 1990. This factor alone when recalculated for the 1989 data had a significant impact on our predicted mortality rates in State of Wisconsin data.

St. Joseph's Hospital of Franciscan Sisters, Milwaukee, Inc.
A Member of the Wheaton Franciscan System.

Gail R. Wilensky, Ph.D.
Letter 3/18/92
Page 2

Based on these factors and the fact that this report in no way measures severity of illness, we hope that this information will not be used to judge the overall quality of care provided in a particular hospital.

Thank you for providing us with an opportunity to review and respond to this information prior to release to the general public.

Respectfully submitted,

Thomas A. Reitinger
President & CEO

TAR/jv

St. Luke's Medical Center

Medicare Provider Number
520138

Comments on Medicare Hospital Information - 1992

We appreciate the efforts of the Health Care Financing Administration to provide Medicare beneficiaries with selected information about acute care hospitals to help them make informed health care decisions.

It is important for the public to recognize, however, that mortality rates alone are not a good measure of the quality of health care. St. Luke's Medical Center has developed a multifaceted approach to maintaining high and continually improving quality, which includes:

- Monitoring and evaluating care on an integrated, hospital-wide basis.
- Recruiting and retaining highly motivated and qualified staff who are evaluated and rewarded for excellence.
- Credentialling medical staff members based on results of monitoring and evaluation studies, and national benchmarks.
- Maintaining high standards for safety of patients, visitors and employees in the physical plant, in the use of equipment, and in care for patients.
- Making high quality and service the mission of everyone from the Chairman of the Board, to the bedside care givers, to the support staff.
- Providing educational opportunities and resources to staff, physicians, and patients.
- Encouraging communication and coordination between health care team members, focusing on the needs of each individual patient.

M. Ambrosius
Mark Ambrosius
President

7400r

2900 West Oklahoma Avenue, Milwaukee, Wisconsin 53215 (414) 649-6000

SM

ST. MARY'S HOSPITAL
MILWAUKEE

March 16, 1992 Hospital ID: 520051

Gail R. Wilensky, Ph.D., Administrator
Health Care financing Administration
Medicare Hospital Information
Bureau of Data Management and Strategy
Room 3-A-12, Security Office Park
6325 Security Boulevard
Baltimore, MD 21207-5187

ATTN: Robert Moore

Dear Dr. Wilensky:

The number of cases published in the 1990 report represents 55% of our Medicare admissions in fiscal 1990 (2,340 of 4,254 patients). Our actual Medicare death rate, based on 100% of our Medicare patient encounters, is 5.7%.

Using 100% of our Medicare patients changes the in-house mortality rates in each of the categories listed as follows:

Category	**Actual In-House Mortality Rate**	**Category**	**Actual In-House Mortality Rate**
All Causes	5.7%	Angioplasty	1.6%
A.M.I.	19.3	CABG	11.0
C.H.F.	5.6	Pacemaker Insertion	0
Pneumonia/Influenza	16.2	Carotid Endarterectomy	0
C.O.P.D.	3.5	Hip Replacement/Reconstruction	4.8
T.I.A.	0	O.R.I.F.	10.0
Stroke	18.0	Prostatectomy	0
Hip Fracture	4.0	Cholecystectomy	0
Sepsis	13.3	Hysterectomy	0

Sincerely,

Paul F Soczynski

Paul F. Soczynski
Vice President
Quality Resources

PFS/mpm:wilensky.ltr

2323 North Lake Drive • P.O. Box 503 • Milwaukee, WI 53201-0503 • 414/225-8000

Member of the Daughters of Charity National Health System

Medicare Provider #520027

ST. MARY'S HOSPITAL
OZAUKEE

St. Mary's Hospital Ozaukee, Inc.
Port Washington, Wisconsin

HCFA MORTALITY DATA ANALYSIS

The following commentary is the result of a detailed analysis of the HCFA Mortality Rate for St. Mary's Hospital Ozaukee, Inc., located in Port Washington, Wisconsin for discharges between October 1989 and September 1990.

Acute Myocardial Infarction: The mortality rate was 40%. Six of 15 patients expired in the hospital; their average age was 85 years. Of these six patients, their stay in the hospital is described as follows:

1. Patient was a pulseless, nonbreather on admission that was subsequently resuscitated. Patient was in critical condition and was deemed to be a "no code" status by the family.

2. Patient was admitted with an MI and became a "no code" status per the patient and family.

3. Patient experienced a massive MI with poor prognosis.

4. Patient had a severe cardiac history with multiple MI's; was critical on admission and was a resuscitated cardiorespiratory arrest. Patient died of cardiogenic shock.

5. Patient was admitted with a coronary insufficiency and a possible myocardial infarction. Actual cause of death was an abdominal catastrophe. The patient had an incipient bowel infarction and died due to irreversible hypotension.

6. Patient was admitted with an MI and complicating cardiac disease. Patient developed a second MI and expired.

Sepsis: The hospital's mortality rate for sepsis was 20%. One out of five patients with sepsis expired in the hospital.

1. Patient was admitted with severe abdominal pain, had emergency abdominal surgery performed, and expired during surgery due to the severity of the sepsis. Prognosis for this patient was extremely poor.

The other two patients who died of sepsis died within 90 days of discharge from the hospital. These patients with the diagnosis of sepsis were transferred to a nursing home. All patients were "no codes" while in the hospital, and were diagnosed with poor and extremely guarded prognosis. Neither requested excessive measures and both expired in the nursing homes.

Pacemaker Insertion: One of six patients who had a pacemaker insertion died in the hospital for a rate of 16.7%.

1. The patient was admitted with a stroke and developed cardiac arrhythmias necessitating pacemaker implant. The patient had a complex cardiac history and subsequently expired due to complications from the stroke.

Hip Replacement: Two of the 15 patients having hip replacements expired following discharge from the hospital.

1. Patient had a cardiac history and congestive heart failure, and expired within 90 days from discharge of the hospital in the nursing home.

2. Patient expired within 30 days of discharge from the hospital. That patient had both a right and left hip fracture in the period of two months, and had both hips replaced at the hospital. This patient had severe Alzheimer's Dementia. Cause of death is unknown since the patient expired in the nursing home.

Hip Fracture and/or ORIF: One of five patients who had a hip fracture, followed by open reduction of that hip fracture, died in the hospital.

1. This patient was a 92-year-old female who had multiple risk factors, and post-operatively developed complications and expired.

Stroke: Seven of the 15 patients diagnosed with strokes died during their hospitalization. Of those seven admitted, the discharge diagnosis was massive CVA. At the request of the family and/or the patient, no heroic measures were implemented. Supportive care only was provided until the patients expired.

Eight of the 15 discharged patients who were diagnosed with mild to moderate CVA also had a prognosis of guarded to poor. All were transferred to nursing homes with therapy and palliative treatment.

All patients included in this group had a history of multiple medical problems in addition to the diagnosis of CVA.

Respectfully submitted,

Charles C. Lobeck
Chief Operating Officer

mortdata.392

2400 West Villard Avenue
Milwaukee, Wisconsin 53209

414/527-8000 Fax Number: 414/527-2604

St. Michael Hospital

March 19, 1992 Medicare Provider #520040

Gail R. Wilensky, Ph.D., Administrator
Health Care Financing Administration
Medicare Hospital Information
Bureau of Data Management and Strategy
Room 3-A-12, Security Office Park Building
6325 Security Boulevard
Baltimore, Maryland 21207-5187

Attention: Robert Moore

Dear Doctor Wilensky:

We have reviewed the fiscal year 1990 Medicare Hospital Mortality Rates developed by your agency. As in prior years, we are pleased that St. Michael Hospital continues to demonstrate a mortality rate for all causes well within the predicted range.

In prior comments to your agency, we have raised concerns about the hospital characteristics that are reported. Specifically, St. Michael Hospital is the site of a 27 full-time equivalent Family Practice Residency Program, and is actively engaged in postgraduate medical education. Due to the sources used to collect data for your report, this information is not reflected. We are also concerned about the way the analysis for the report is constructed. We understand that your agency has revised its model for reporting mortality rates in the past. We only hope that you will continue your efforts for future reports.

The three areas that we are most concerned about have to do with how comorbid conditions are factored into the equation, how age is used as a comorbid condition, and the fact that clinical information is collected from the UB82 form. The current formula only accounts for up to seven comorbid conditions. This number may not be sufficient to accurately assess the severity of the patient's condition. While age is included in the calculations, it is not clear that appropriate weight has been given to those patients greater than 85 years who are most likely to have complications from age alone. The UB82 form is a billing form and not designed to completely collect all clinical information. Because of these variables in the data collection and analysis, we are concerned that the conclusions may not adequately represent true mortality rates. A final concern relates to the reporting of deaths at 30, 90 and 180 days after admission. There is no attempt to correlate whether the actual cause of death was related to the admitting diagnosis or completely unrelated. To have this data reported in this manner is prone to misinterpretation and misinformation.

St. Michael Hospital of Franciscan Sisters, Milwaukee, Inc.
A Member of the Wheaton Franciscan System

We continue to be committed to delivering the highest quality care possible to our patients and our community. We appreciate efforts to provide national benchmarks to assist us in this endeavor. We hope that future efforts will address our concerns.

Sincerely yours,

Bruce L. Van Cleave, M.D.
Vice President of Medical Affairs

BLV/ko

ST. NICHOLAS HOSPITAL
Where The Future Begins

March 16, 1992 520044

Gail R. Wilensky, Ph.D., Administrator
Health Care Financing Administration
Medicare Hospital Information
Bureau of Data Management & Strategy
Room #-A-12, Security Office Park Bldg.
6325 Security Boulevard
Baltimore, Maryland 21207-5187
ATTN: Robert Moore

Dear Ms. Wilensky:

Thank you for the opportunity to respond to the release of data on hospital mortality information for Medicare patients treated in our facility during fiscal year 1990. St. Nicholas Hospital reviewed the data contained in the report dated February 26, 1992. The following information is to be attached to the St. Nicholas Hospital-Specific Report prior to public disclosure

St. Nicholas Hospital is a JCAHO accredited, 185 bed, acute care facility, whose case mix includes many patients with major medical and surgical illnesses. We are a full-service medical center offering care in specialty areas of oncology, radiation therapy, major vascular surgery, major orthopedic services, rehabilitative medicine, including a comprehensive cardiac rehabilitation program, a renal dialysis unit, a sleep disorders diagnosis and treatment center, obstetrics and gynecology, surgical and medical intensive care unit, as well as general medicine and surgery.

This year's study differs in that a random hospital admission for each beneficiary was selected for use by HCFA. The study includes approximately 65% of our hospital admissions for HCFA FY 1990. It does not group patients into study categories which directly relate to the patient's cause of death, but categorizes them by reason for randomly selected admission.

The data used by HCFA indicate that in some instances the observed mortality rate appears higher than the predicted rate. In using the Standard Deviation provided by HCFA to construct a confidence interval or range to determine whether the difference between the observed and expected rates was worthy of investigation, we found the difference to be the result of random variation and therefore, not likely to be meaningful or significant. In some categories there were too few cases to yield a reliable test of significance. In these instances, the estimate was considered uninterpretable. The data does not show a real difference between the observed rate and what would be expected for St. Nicholas Hospital.

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An Affiliate of Hospital Sisters Health System

In each instance the medical staff of St. Nicholas Hospital conducted an intensive review of the medical record of every patient who expired at our facility to determine both appropriateness and methods to improve medical management and overall care. Mortality review is an ongoing process of the quality review program. Peer review activities are an integral part of the monitoring of the health care delivery system at St. Nicholas hospital.

Should we develop consistent patterns of higher than expected mortality, further analysis is undertaken. If a clinical review does not reveal why mortality experience might be different, we will look toward differences in the long-term management of patients' illness including the availability of adequate post-hospital follow-up care.

We firmly believe that ongoing quality review activities as well as intensive peer review, are the most effective methods of validating the quality and appropriateness of the care provided. The use of statistical norms can facilitate peer review by calling attention to unusual patterns or by challenging complacency and encouraging a critical re-examination of practices within our hospital. By themselves, however, statistical norms cannot identify the changes that will lead to improvements in quality.

St. Nicholas Hospital recognizes that consumers have a legitimate interest in obtaining useful, reliable information on the quality of care available to them. We also recognize and strongly believe that mortality statistics, by themselves, do not measure quality. However, we will continue to further analyze this data as a guide to focus peer review, and in a constant endeavor to identify opportunities to improve care.

Quality of care is of the utmost concern to the St. Nicholas Hospital governing board, administration, medical staff, and employees. As has always been our practice, we will continue to review all mortality cases for quality and appropriateness of care rendered to the individual patient.

Sincerely,

Thomas W. Laux

Thomas W. Laux
Executive Vice President/
Administrator

Sarah J. Pratt MD

Sarah Pratt, M.D.
Medical Staff President

KL/dab

P.O. Box 13508
Green Bay, WI 54307-3508
414 433-0111

St.Vincent
Hospital

Joseph J. Neidenbach
Administrator

March 17, 1992

Gail R. Wilensky, Ph.D., Administrator
Health Care Financing Administration
Medicare Hospital Information
Bureau of Data Management and Strategy
Room 3-A-12, Security Office Park Building
6325 Security Boulevard
Baltimore, MD 21207-5187
ATTN: Robert Moore

Hospital Provider # 520075

Dear Ms. Wilensky:

At St. Vincent Hospital our mission is to provide high quality, acute and selected tertiary health care services to Green Bay and much of Northeast Wisconsin. We are committed to quality service and are constantly monitoring and implementing methods to enhance that quality. The data provided in the Medicare mortality report has been reviewed and will be considered with that in mind. St. Vincent Hospital compares favorably to the predicted rate in all categories.

St. Vincent Hospital has a well established, continual quality assurance program that guides the hospital and physicians in identifying ways to enhance patient care. We commend any effort, including the Medicare mortality report, to improve the quality of hospital care.

We commend the efforts of the Health Care Financing Administration to broaden the usefulness of the information for its users. We do, however, continue to have serious concerns about the use of such data to make comparisons.

We will continue to individually review all cases of patients who die here. We believe that a thorough review of the care and factors contributing to their deaths will be of greater benefit to our patients than statistics alone.

Sincerely,

Joseph J Neidenbach

Joseph J. Neidenbach
Administrator

An Affiliate of
Hospital Sisters
Health System

Watertown
Memorial Hospital

Medicare provider nbr.
52-0116

March 17, 1992

Gail R. Wilensky, Ph.D., Administrator
Health Care Financing Administration
Medicare Hospital Information
Bureau of Data Management and Strategy
Room 3-A-12, Security Office Park Building
6325 Security Boulevard
Baltimore, Maryland 21207-5187
ATTN: Robert Moore

The following comments are in response to the release of Medicare mortality statistics for Watertown Memorial Hospital for fiscal year 1990.

ACUTE MYOCARDIAL INFARCTION DIAGNOSIS:

There were a total of 22 Medicare patients who were hospitalized with a diagnosis of acute myocardial infarction. Within this group, 12 patients died during their hospitalization at Watertown Memorial Hospital.

Of the 22 patients who experienced an acute myocardial infarction, 20 were admitted through the Hospital's emergency department. Authorities will generally agree that patients admitted through the emergency department are likely to be more acutely ill and to have a higher probability of death in the hospital than patients referred by their own physician. Furthermore, the average age of the 12 patients who died was 78.4 years, an age comparable to the average life expectancy of most people.

In 1991, a committee of the Hospital's Medical Staff carefully reviewed the medical management and quality of treatment provided to each of the 12 patients during their hospitalization. The committee determined that each patient had long standing health problems beyond the acute cardiac disease to which death was attributed. More important, this committee found that the course of treatment for each patient was well managed for their particular condition.

125 Hospital Drive • Watertown, WI 53094-3384 • Phone: (414) 261-4210 • Fax: 414-261-3940

When looking at the actual mortality rate for this group of patients it is important to understand that Watertown Memorial Hospital and its medical staff made a concerted effort to involve the patients and their families in the patient's care. In one-half of the mortality cases the patient with their family and physician made the decision not to receive extraordinary treatment which may have prolonged the patient's life. Although the cause of death was attributed to heart failure, other underlying conditions affected their decision to decline extraordinary treatment. The Hospital and its Medical Staff place great value on the right of the patient to have input on the course of treatment for severe illnesses.

Respectfully Submitted,

Leo Bargielski
President

Medicare #520025

WAUPUN MEMORIAL HOSPITAL
Sponsored by the Congregation of St. Agnes

March 17, 1992

Gail R. Wilensky, Ph.D., Administration
Health Care Financing Administration
Medicare Hospital Information
Bureau of Data Management and Strategy
Room 3-A-12, Security Office Park Building
6325 Security Boulevard
Baltimore, MD 21207-5187
ATTN: Robert Moore

Dear Dr. Wilensky:

I am writing with comments regarding mortality data for Waupun Memorial Hospital as calculated by the Health Care Financing Administration.

We acknowledge that we are reasonably within range of predictability for pneumonia, COPD, transient cerebral ischemia, stroke, hip fracture, and sepsis. The comments in this letter will be specifically limited to acute myocardial infarction and congestive heart failure where the percentage variation between predictability and observed actual is in variation.

Sample sizes for both acute myocardial infarction and congestive heart failure are extremely small. The number of acute myocardial infarction admissions is eighteen and the number of admissions for congestive heart failure are twenty. It follows that with such a small sampling, statistical validity must be questioned. It must also be pointed out that the difference of actual deaths varies by a number of four in both categories despite the large percentage variation.

The average age of patients who died at Waupun Memorial Hospital with a diagnosis of acute myocardial infarction was 77.5 years and 81.25 years for those with congestive heart failure. Given the high elderly population in and around Waupun and acknowledging that acute myocardial infarction and congestive heart failure are common diagnoses for death in the elderly population, it is not surprising that ten individuals expired at Waupun Memorial Hospital with a DRG of acute myocardial infarction and seven expired due to congestive heart failure in the one year of evaluation.

An analysis of the age cohorts of the individuals admitted to Waupun Memorial Hospital with acute myocardial infarction would also indicate that more aggressive forms of treatment were not pursued. For example, thrombolysis agents are recommended for patients up to the age of 75 years old, at which time effectiveness is diminished. The clinical decisions of physicians coupled with patient and family desires often precludes transfer to other hosptials for tertiary care.

The Quality Assessment Program at Waupun Memorial Hospital requires that all inpatient deaths are reviewed. Data for the time period covered in the HCFA study does not indicate unusual trends in the individual practice patterns of physicians nor were deaths found to be due to unusual circumstances.

Thank you for the opportunity to respond to this data.

Sincerely,

James Sexton

James J. Sexton
President &
Chief Executive Officer

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